tct2017

OCTOBER 29-NOVEMBER 2, 2017
COLORADO CONVENTION CENTER
DENVER, COLORADO

AGENDA

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Cardiovascular Research Foundation

TCT - Agenda

Last updated November 1, 2017 at 6:00 am

The agenda listed below may not be as up to date as our website. Please refer to our conference website for the latest agenda details.

Sunday, October 29, 2017

CardioVascular Professionals (CVP) Course: 26th Annual Cardiovascular Nurse and Technologist Symposium, Part I - Registered Cardiovascular Invasive Specialists (RCIS) Review Course

Sunday, October 29
12:00 PM - 6:15 PM
Colorado Convention Center
Room 301-303, Meeting Room Level
Accreditation: CNE/ASRT

12:00 PM - 1:45 PM

Session I. Fundamental Knowledge 2017

Moderator: Thomas H. Maloney
Discussants: W. Scott Corson, Robert Kutys, Azeem Latib, Nicole Singer, George W. Vetrovec

12:00 PM	**Introduction and Session Objectives** **Moderator:** Thomas H. Maloney
12:05 PM	**In-depth Coronary Angiography and PCI Complication Review Matched With Interactive Cadaver Heart Dissection** Robert Kutys, Nicole Singer, George W. Vetrovec
12:45 PM	**In-depth Cardiac Structure and Hemodynamic Review Matched With Interactive Cadaver Heart Dissection** W. Scott Corson, Robert Kutys, Nicole Singer
1:30 PM	**Keynote Lecture: Transcatheter Treatment of All Four Heart Valves – We're Closer Than You Think!** Azeem Latib

1:45 PM - 3:00 PM

Session II. The Aortic Valve: A Deep Dive

Moderator: Thomas H. Maloney
Discussants: Sarah Clarke, Jeff Davis, Paul D. Mahoney

	1:45 PM	**Fundamental Knowledge: Aortic Valve Anatomy, Function, and Relational Pathology** Sarah Clarke
	2:00 PM	**Hemodynamics of Aortic Stenosis** Jeff Davis
	2:15 PM	**How to Interpret Hemodynamic, CT, and Echo Data for TAVR Clinical Decision-making and Procedural Guidance** Paul D. Mahoney
	2:35 PM	**Case Demonstration: Transcatheter Aortic Valve Replacement** **Case Presenter:** Paul D. Mahoney
	2:50 PM	**Roundtable Discussion With Audience Q&A**
3:00 PM - 3:15 PM	**Visit Nurse Tech Exhibits/Break**	
3:15 PM - 4:25 PM	**Session III. The Mitral Valve: A Deep Dive** **Moderator:** Jeff Davis **Discussants:** James B. Hermiller Jr., Tim R. Martin, Perwaiz M. Meraj	
	3:15 PM	**Fundamental Knowledge: Mitral Valve Anatomy, Function, and Relational Pathology** Tim R. Martin
	3:30 PM	**Hemodynamics of Mitral Regurgitation** Perwaiz M. Meraj
	3:45 PM	**How to Interpret Hemodynamic and Echo Data for Transcatheter Mitral Valve Repair Clinical Decision-making and Procedural Guidance** James B. Hermiller Jr.
	4:00 PM	**Case Demonstration: Transcatheter Mitral Valve Repair** **Case Presenters:** James B. Hermiller Jr., Perwaiz M. Meraj
	4:15 PM	**Roundtable Discussion With Audience Q&A**
4:25 PM - 5:15 PM	**Session IV. The Tricuspid Valve: A Deep Dive** **Moderator:** Jeff Davis **Discussants:** Scott Lim, Brij Maini	

	4:25 PM	**Fundamental Knowledge: Tricuspid Valve Anatomy, Function, and Relational Pathology** Robert Kutys
	4:40 PM	**Hemodynamics of Right Heart Pressures** Scott Lim
	4:50 PM	**Catheter-Based Treatment Options for Tricuspid Regurgitation** Francesco Maisano
	5:05 PM	**Roundtable Discussion With Audience Q&A**

5:15 PM - 6:15 PM

Session V. Hands on Hearts Bioskills Session: Cadaver Hearts (Courtesy of CVPath)

Moderators: Marsha Holton, Robert Kutys, Thomas H. Maloney, Torie Samuda, Nicole Singer
Discussant: Jeff Davis

	5:15 PM	**Session V. Hands on Hearts Bioskills Session: Cadaver Hearts (Courtesy of CVPath)**

CardioVascular Professionals (CVP) Course: 26th Annual Cardiovascular Nurse and Technologist - Evening Reception

Sunday, October 29
6:00 PM - 6:45 PM
Colorado Convention Center
Room 300 Hallway, Meeting Room Level
Accreditation: CNE/ASRT

Maintenance of Certification (MOC) Course I

Sunday, October 29
4:30 PM - 6:00 PM
Colorado Convention Center
Room 708/710, Meeting Room Level
Accreditation: none

4:30 PM - 6:00 PM

Interventional Cardiology 2017 Module Review

Co-Moderators: Tayo A. Addo, Verghese Mathew
Discussants: Dmitriy N. Feldman, Vishal Kapur, Robert T. Pyo, Gilbert H.L. Tang

	4:30 PM	**Welcome and Introduction** George D. Dangas

Partnership Session: CACI in Partnership With TCT - Complex PCI - Perspectives and Case Reviews

Sunday, October 29
5:00 PM - 6:30 PM
Colorado Convention Center
Room 601, Meeting Room Level
Accreditation: none

5:00 PM - 5:46 PM

Session I. 40 Years of Interventional Cardiology

Moderators: Alejandro Cherro, Alfredo E. Rodriguez
Discussants: Diego D Grinfeld, Antonio A Pocovi, Ernesto M. Torresani

5:00 PM	**Forty Years After the First PCI, Where Are We and Where Are We Headed?** Spencer B. King III
5:12 PM	**Roundtable Discussion With Audience Q&A**
5:16 PM	**Clinical Case #1: The Limitless Potential of PCI** **Case Presenter:** Claudio M Cigalini
5:23 PM	**Fifteen Years After the First TAVR, Where Are We and Where Are We Headed?** Martin B. Leon
5:35 PM	**Roundtable Discussion With Audience Q&A**
5:39 PM	**Clinical Case #2: A TAVR Procedure You Don't See Everyday** **Case Presenter:** Daniel H. Berrocal

5:46 PM - 6:30 PM

Session II. Complex PCI and Bioabsorbable Scaffolds

Moderators: Anibal A. Damonte, Alejandro O. Palacios
Discussants: Daniel H. Berrocal, Hugo F. Londero, Ruben A. Piraino

5:46 PM	**Complex and High-Risk PCI: Who Should Perform These Procedures?** Qi Zhang
5:58 PM	**Roundtable Discussion With Audience Q&A**
6:02 PM	**Clinical Case #3** **Case Presenter:** Alfredo E. Rodriguez
6:09 PM	**What Is the Future of Bioabsorbable Scaffolds?** Patrick W. Serruys
6:19 PM	**Roundtable Discussion With Audience Q&A**
6:23 PM	**Clinical Case #4: A Complex and High-Risk PCI** **Case Presenter:** Alejandro Cherro

Partnership Session: CVREP in Partnership With TCT

Sunday, October 29
5:00 PM - 6:30 PM
Colorado Convention Center
Room 603, Meeting Room Level
Accreditation: none

5:00 PM - 5:30 PM

Session I. CHIP Overview

Moderators: Amr Kamal, Mohamed Ahmed Sobhy
Discussants: Sherif ELbeltagui, Mohamed Loutfi, Hany Ragy, Mohamed Sadaka, Amr Mahmoud Zaki

5:00 PM	**Decision-making Process When Viewing a CHIP Case** Mohamed Ahmed Sobhy
5:05 PM	**Lesion Preparation Considerations** Mohamed Sadaka
5:10 PM	**Hemodynamic Support: Provisional vs Routine** Mohamed Loutfi
5:15 PM	**Roundtable Discussion With Audience Q&A**

5:30 PM - 6:30 PM

Session II. Real-life CHIP Scenarios

Moderators: Ayman Abou El Magd, Mohamed Ahmed Sobhy
Discussants: Sherif ELbeltagui, Mohamed Loutfi, Hany Ragy, Mohamed Sadaka, Amr Mahmoud Zaki

5:30 PM	**UPLMPCI How to Use Evidence and Precision Medicine to Optimize Outcomes, a Case Example** Hany Ragy
5:40 PM	**Roundtable Discussion With Audience Q&A**
5:45 PM	**Heavy Coronary Calcification** Amr Mahmoud Zaki
5:55 PM	**Roundtable Discussion With Audience Q&A**
6:00 PM	**CTO Intervention** Sherif ELbeltagui
6:10 PM	**Roundtable Discussion With Audience Q&A**
6:15 PM	**STEMI and Cardiogenic Shock With Comorbidities** Mohamed Loutfi
6:25 PM	**Roundtable Discussion With Audience Q&A**

Partnership Session: JIM at TCT 2017: Predicting the Future!

Sunday, October 29
5:00 PM - 6:30 PM
Colorado Convention Center
Room 706, Meeting Room Level
Accreditation: none

5:00 PM - 5:30 PM

Session I. Bioresorbable Scaffolds: Just Getting Started

Moderators: Antonio Colombo, Stephen G. Ellis
Discussants: Davide Capodanno, Alaide Chieffo, Stephan Windecker

5:00 PM	**Bioresorbable Scaffolds Are Here to Stay!** Ron Waksman
5:15 PM	**Interactive Discussion With Audience Q&A**

5:30 PM - 6:00 PM

Session II. Mitral Valve Interventions: Choosing the Right Device for the Patient

Moderators: Antonio Colombo, Azeem Latib
Discussants: Paolo Denti, Olaf Franzen, Nicolas M. Van Mieghem

5:30 PM	**Mitral Valve Interventions: MitraClip, Annular Treatments, and Valves – Where Will We Be in 5 Years? In 10 Years?** Jason H. Rogers
5:45 PM	**Interactive Discussion With Audience Q&A**

6:00 PM - 6:30 PM

Session III. Tricuspid Valve Interventions: The Next Big Thing!

Moderators: Antonio Colombo, Samir R. Kapadia
Discussants: Steven F. Bolling, Rebecca T. Hahn, Bernard Prendergast

6:00 PM	**Tricuspid Valve Interventions: Patient Selection, Devices, and Predictions** Azeem Latib
6:15 PM	**Interactive Discussion With Audience Q&A**

Partnership Session: SOLACI in Partnership With TCT

Sunday, October 29
5:00 PM - 6:30 PM
Colorado Convention Center
Room 607, Meeting Room Level

Accreditation: none

5:00 PM - 6:30 PM

Session I. Great Cases of Primary PCI

Moderator: Jose L. Leiva-Pons
Discussants: Carlos Cabrera Arroyo, Marcelo Jose de Carvalho Cantarelli, George D. Dangas, Ricardo Lluberas

5:00 PM	**Case #1: Prehospital STEMI Treatment** **Case Presenter:** Jorge Guareña
5:10 PM	**Roundtable Discussion With Audience Q&A**
5:17 PM	**Case #2: Primary PCI After Cardiac Arrest** **Case Presenter:** Juan Gustavo Del Angel
5:27 PM	**Roundtable Discussion With Audience Q&A**
5:34 PM	**Case #3: STEMI Due to a Critical Left Main Stenosis** **Case Presenter:** Jorge Antonio Mayol Almera
5:44 PM	**Roundtable Discussion With Audience Q&A**
5:51 PM	**Case #4: STEMI With Massive Thrombus** **Case Presenter:** Jose L. Leiva-Pons
6:01 PM	**Roundtable Discussion With Audience Q&A**
6:08 PM	**Case #5: Primary PCI in a Patient With Multivessel Disease** **Case Presenter:** Ricardo Quizhpe
6:18 PM	**Roundtable Discussion With Audience Q&A**
6:25 PM	**Conclusions and Take-home Message** Jose L. Leiva-Pons

Partnership Session: TCTAP at TCT - Complex PCI 2017: Lessons Learned Through Data and Experience

Sunday, October 29
5:00 PM - 6:30 PM
Colorado Convention Center
Room 605, Meeting Room Level
Accreditation: none

5:00 PM - 5:55 PM

Session I. Complex PCI

Moderators: Gary S. Mintz, Seung-Jung Park
Discussants: William F. Fearon, Duk-Woo Park, Patrick W. Serruys, Alan C. Yeung

	5:00 PM	**Welcome and Introductory Remarks** Seung-Jung Park
	5:01 PM	**How to Optimize Left Main and Bifurcation PCI: Secular Trends** Duk-Woo Park
	5:09 PM	**PCI Is More Than a Valid Alternative for Most Cases in Left Main and Multivessel Disease** Seung-Jung Park
	5:17 PM	**CTO: When to Open, When to Leave Alone** Seung-Whan Lee
	5:25 PM	**Severe Calcified Coronary Lesions: The Next Target** Duk-Woo Park

5:33 PM - 5:57 PM

Session II. Bioresorbable Scaffolds

Moderators: Gary S. Mintz, Seung-Jung Park
Discussants: William F. Fearon, Duk-Woo Park, Patrick W. Serruys, Alan C. Yeung

	5:33 PM	**Lessons from the ABSORB Clinical Program for the Future** Patrick W. Serruys
	5:41 PM	**BRS Randomized Trials: What Was Wrong – the Lesions, the Scaffold, or the Technique?** Seung-Jung Park
	5:49 PM	**Next Generation BRS Platforms** Alan C. Yeung

5:57 PM - 6:30 PM

Session III. Imaging and Physiology

Moderators: Gary S. Mintz, Seung-Jung Park
Discussants: William F. Fearon, Duk-Woo Park, Alan C. Yeung

	5:57 PM	**IVUS-Guided vs OCT-Guided PCI: Advantages and Disadvantages** Gary S. Mintz
	6:05 PM	**Debate: FFR as the Gold Standard Index!** William F. Fearon
	6:13 PM	**Debate: iFR as the Gold Standard Index!** Justin E. Davies
	6:21 PM	**Resting Pd/Pa vs FFR for Predicting Coronary Events** Jung-Min Ahn
	6:29 PM	**Roundtable Discussion With Audience Q&A**

Partnership Session: TCT Highlights at BIT: Complex Intervention - Make it Simple!

Sunday, October 29
5:00 PM - 6:30 PM
Colorado Convention Center
Room 705/707, Meeting Room Level
Accreditation: none

5:00 PM - 6:00 PM

Session I. Complex Structural Heart Intervention: Make It Simple!

Moderators: Helene Eltchaninoff, Afzalur Rahman
Discussants: Abdullah Al Shafi Majumder, Amal Kumar Banerjee, Rabin dra Nath Chakraborty

5:00 PM	**Welcome and Introductory Remarks** Afzalur Rahman
5:05 PM	**Minimalist Transfemoral TAVR: State-of-the-Art and Tips and Tricks** Helene Eltchaninoff
5:20 PM	**Roundtable Discussion with Audience Q&A**
5:25 PM	**Live in the Box: Complex TAVR Cases Made Simple** **Case Presenter:** Helene Eltchaninoff
5:37 PM	**Roundtable Discussion With Audience Q&A**
5:42 PM	**Troubleshooting During Left Atrial Appendage Closure** Rabin dra Nath Chakraborty
5:50 PM	**Roundtable Discussion With Audience Q&A**
5:55 PM	**Take-home Messages** Helene Eltchaninoff

6:00 PM - 6:30 PM

Session II. Complex PCI: Make It Simple!

Moderators: Amal Kumar Banerjee, Rabin dra Nath Chakraborty
Discussants: Abdullah Al Shafi Majumder, Saujatya Chakraborty, Helene Eltchaninoff, Afzalur Rahman

6:00 PM	**Case Presentation #1: A Complex Left Main PCI Made Simple** **Case Presenter:** Afzalur Rahman
6:08 PM	**Roundtable Discussion With Audience Q&A**
6:13 PM	**Case Presentation #2: Complication Made Simple - Managing Longitudinal Stent Distortion** **Case Presenter:** Saujatya Chakraborty
6:21 PM	**Roundtable Discussion With Audience Q&A**
6:26 PM	**Take-home Messages and Closing Comments** Rabin dra Nath Chakraborty

Partnership Session: TCT Russia

Sunday, October 29
5:00 PM - 6:30 PM
Colorado Convention Center
Room 709/711, Meeting Room Level
Accreditation: none

5:00 PM - 5:04 PM

Introduction to TCT Russia and Session Goals

Sergey A. Abugov

5:04 PM - 5:46 PM

Session I. Complex Coronary Interventions

Moderator: Juan F. Granada
Discussants: Sergey A. Abugov, William A. Gray, Zaza Kavteladze, Jeffrey W. Moses, Alexey Protopopov, Roman Tarasov

5:04 PM	**Case Presentation 1: Left Main Intervention** **Case Presenter:** Narek Zakaryan
5:11 PM	**Editorial Comment and Discussion** Sergey A. Abugov
5:18 PM	**Case Presentation 2: CTO Intervention** **Case Presenter:** Roman Tarasov
5:25 PM	**Editorial Comment** Emmanouil S. Brilakis
5:32 PM	**Case Presentation 3: Multivessel PCI** **Case Presenter:** Roman Tarasov
5:39 PM	**Editorial Comment** Jeffrey W. Moses

5:46 PM - 6:30 PM

Session II. Structural and Peripheral Vascular Interventions

Moderators: Sergey A. Abugov, Juan F. Granada
Discussants: William A. Gray, Zaza Kavteladze, Jeffrey W. Moses, Alexey Protopopov, Roman Tarasov

5:46 PM	**Case Presentation 4: Carotid Artery Stenting** **Case Presenter:** Narek Zakaryan
5:53 PM	**Editorial Comment** William A. Gray
6:00 PM	**Case Presentation 5: TAVR** **Case Presenter:** Alexey Protopopov
6:07 PM	**Editorial Comment** Susheel K. Kodali
6:14 PM	**Case Presentation 6: BTK Intervention** **Case Presenter:** Zaza Kavteladze
6:21 PM	**Editorial Comment** Mahmood K. Razavi
6:28 PM	**Closing Comments and Take-home Messages** Sergey A. Abugov

Partnership Session: TTT in Partnership With TCT: Serious Complications in Cardiovascular Interventions

Sunday, October 29
5:00 PM - 6:30 PM
Colorado Convention Center
Room 702/704, Meeting Room Level
Accreditation: none

5:00 PM - 6:30 PM	**TTT in Partnership with TCT 2017: Serious Complications in Cardiovascular Interventions** **Moderators:** Jun-Jack Cheng, Gary S. Mintz, Chiung Jen Wu **Discussants:** Wei-Chun Chang, Jonathan M. Hill, Toshiya Muramatsu, Sunao Nakamura, Augusto D. Pichard

5:00 PM	**Case #1: Rotablation and Coronary Perforation During a CTO Intervention** **Case Presenter:** Shih-Hsien Sung
5:08 PM	**How Would I Treat This Case?** Jonathan M. Hill
5:14 PM	**Roundtable Discussion With Audience Q&A**
5:18 PM	**Case #2: Repeated Rotablation With Burr Incaceration** **Case Presenter:** Hsiu-Yu Fang
5:26 PM	**How Would I Treat This Case?** Sunao Nakamura
5:32 PM	**Roundtable Discussion With Audience Q&A**
5:36 PM	**Case #3: Infected Coronary Aneurysm After PCI for STEMI** **Case Presenter:** Wei-Chun Huang
5:44 PM	**How Would I Treat This Case?** Toshiya Muramatsu
5:50 PM	**Roundtable Discussion With Audience Q&A**
5:54 PM	**Case #4: Delayed Partial Obstruction of the RCA After TAVR** **Case Presenter:** Jung-Cheng Hsu
6:02 PM	**How Would I Treat This Case?** Augusto D. Pichard
6:08 PM	**Roundtable Discussion With Audience Q&A**
6:12 PM	**Case #5: Atherectomy Device-Related Complication** **Case Presenter:** Chung-Ho Hsu
6:20 PM	**How Would I Treat This Case?** Wei-Chun Chang
6:26 PM	**Roundtable Discussion With Audience Q&A**

Satellite Special Session: Consensus Summit on Clinical Endpoints/Surrogates and Effect Size for Approval of Cardiovascular Devices (Academia, Industry, Regulatory, Reimbursement, Guideline, and Patients) (Sponsored by ISCTR)

Sunday, October 29
8:30 AM - 5:00 PM
Colorado Convention Center
Four Seasons Ballroom 4, Ballroom Level
Accreditation: none

8:30 AM - 8:40 AM	**Session I: Introduction**

	8:30 AM	**Welcome Statement** Spencer B. King III
	8:33 AM	**Mission Statement and Introduction** Nabil Dib
8:40 AM - 9:15 AM	**Session II: Clinical Endpoints and Biostatistics**	
	8:40 AM	**Clinical Endpoints/Surrogates and Biostatistics** **Moderators:** Anthony N. DeMaria, Mitchell W. Krucoff Roseann M White
	8:55 AM	**Endpoints for Clinical Trials for Cardiovascular Devices: Challenges and Solutions** **Moderators:** Anthony N. DeMaria, Mitchell W. Krucoff Ori Ben-Yehuda
	9:05 AM	**Clinical Endpoints and Biostatistics Panel Discussion** **Moderators:** Anthony N. DeMaria, Mitchell W. Krucoff **Discussants:** Blase A. Carabello, Andrew Farb, Chris Mullin, Douglas Packer, Ileana L. Pina, Stanton Rowe, Chuck Simonton, Roseann M White, Bram Zuckerman
9:15 AM - 10:30 AM	**Session III: Valve Disease/Transcatheter Aortic Valve Replacement** **Moderators:** Martin B. Leon, Bram D. Zuckerman	
	9:15 AM	**Clinical Scientist Point of View** Martin B. Leon
	9:20 AM	**Industry Point of View** Stanton Rowe
	9:25 AM	**Regulatory Point of View** Jaime Raben
	9:30 AM	**Payor Point of View** Wade Aubry
	9:35 AM	**Practice Guideline Point of View** Robert O. Bonow
	9:40 AM	**Patient Point of View** Alan Balch, Susan Strong
	9:45 AM	**Valve Disease/Aortic Valve Replacement Panel Discussion** **Moderator:** Jaime Raben **Discussants:** Wade Aubry, Alan Balch, Jeroen J. Bax, Robert O. Bonow, Stanton Rowe, Susan Strong, John G. Webb

10:30 AM - 11:40 AM	**Session IV: Valve Disease/Transcatheter Mitral/Tricuspid Valve Replacement** **Moderator:** Jeroen J. Bax **Co-Moderator:** Robert O. Bonow	
	10:30 AM	**Clinical Scientist Point of View** John G. Webb
	10:35 AM	**Industry Point of View** Patrick Verta
	10:40 AM	**Regulatory Point of View** John Laschinger
	10:45 AM	**Payor Point of View** Jack C. Lewin
	10:50 AM	**Practice Guideline Point of View** Blase A. Carabello
	10:55 AM	**Patient Point of View** Sharon Saeger
	11:00 AM	**Valve Disease Mitral/Tricuspid Valve Replacement** **Moderator:** John Laschinger **Discussants:** Vinayak Bapat, Jeroen J. Bax, Ori Ben-Yehuda, Robert O. Bonow, Blase A. Carabello, Steven L. Goldberg, David Reuter, Patrick Verta, John G. Webb
11:40 AM - 12:10 PM	**Lunch**	
12:10 PM - 12:40 PM	**Session V**	
	12:10 PM	**Presentation of the Glen and Marilyn Nelson Award for Innovation and Translation in Cardiovascular Medicine** Spencer B. King III, Marilyn Nelson
	12:20 PM	**Ventricular Assist Devices, the Windy Road to Recovery** Magdi Yacoub
12:40 PM - 1:55 PM	**Session VI: CHF/Ventricular Assist Devices** **Moderator:** Ileana L. Pina Magdi Yacoub	

	12:40 PM	**Clinical Scientist Point of View** Keith Aaronson
	12:45 PM	**Industry Point of View** Mark Carlson
	12:50 PM	**Regulatory Point of View** Jaime Raben
	12:55 PM	**Payor Point of View** Daniel Canos
	1:00 PM	**Practice Guideline Point of View** Ileana L. Pina
	1:05 PM	**Patient Point of View** Neil Argo
	1:10 PM	**CHF/Ventricular Assist Device Panel Discussion** **Moderator:** Jaime Raben **Discussants:** Keith Aaronson, Phil Adamson, Neil Argo, Daniel Canos, Mark Carlson, Alan Fraser, Ileana L. Pina, Magdi Yacoub
1:55 PM - 3:10 PM	**Session VII: CAD/Coronary Stent** **Moderators:** David R. Holmes Jr., Gregg W. Stone	
	1:55 PM	**Clinical Scientist Point of View** Gregg W. Stone
	2:00 PM	**Industry Point of View** Chuck Simonton
	2:05 PM	**Regulatory Point of View** Andrew Farb
	2:10 PM	**Payor Point of View** Wade Aubry
	2:15 PM	**Practice Guideline Point of View** Alice K. Jacobs
	2:20 PM	**Patient Point of View** John Dominguez
	2:25 PM	**CAD/Coronary Stent Panel Discussion** **Moderator:** Gregg W. Stone **Discussants:** Ori Ben-Yehuda, Donald Cutlip, John Dominguez, Andrew Farb, Neal Fearnot, Kathleen Gallagher, Alice K. Jacobs, Mitchell W. Krucoff, Jack C. Lewin, Chuck Simonton

3:10 PM - 3:25 PM	**Break**	
3:25 PM - 4:30 PM	**Session VIII: Arrhythmia/Catheter Ablation** **Moderators:** Marco Canella, Douglas Packer	
	3:25 PM	**Clinical Scientist Point of View** Douglas Packer
	3:30 PM	**Industry Point of View** Anthony Hong
	3:35 PM	**Regulatory Point of View** Marco Cannella
	3:40 PM	**Payor Point of View** Wade Aubry
	3:45 PM	**Practice Guideline Point of View** Vivek Y. Reddy
	3:50 PM	**Patient Point of View** Larry Haffner
	3:55 PM	**Arrhythmia/Catheter Ablation Panel Discussion** **Moderator:** Deborah Castillo **Discussants:** Wade Aubry, Kathleen Gallagher, Larry Haffner, Anthony Hong, Douglas Packer, Vivek Y. Reddy
4:30 PM - 5:00 PM	**Session IX: Discussion**	
	4:30 PM	**Consensus Document Discussion** **Moderators:** Anthony N. DeMaria, Nabil Dib, Bram D. Zuckerman **Discussants:** Wade Aubry, Alan Balch, Jeroen J. Bax, Andrew Farb, Alan G. Fraser, David R. Holmes Jr., Spencer B. King III, Jack C. Lewin, Douglas Packer, Ileana L. Pina, Robert Roberts, Stanton Rowe, Chuck Simonton, Mark Toland, Patrick Verta

ABCs of Interventional Cardiology

Sunday, October 29
2:00 PM - 6:00 PM
Colorado Convention Center
Room 401-404, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:15 PM

Session I. Basics of Cardiac Anatomy and Angiography

Moderators: George D. Dangas, John M. Lasala
Discussants: Hiram G. Bezerra, Ricardo A. Costa, Vasim Farooq, Hemal Gada, Miodrag C. Ostojic, Tanveer Rab, Elias Sanidas

2:00 PM	**Overview of Cardiac, Valvular, and Coronary Anatomy** Vijay Kunadian
2:12 PM	**Roundtable Discussion With Audience Q&A**
2:15 PM	**Vascular Access Routes and Complications** Robert T. Pyo
2:27 PM	**Roundtable Discussion With Audience Q&A**
2:30 PM	**Coronary Angiography: Set-up, Views, Artifacts, and Pitfalls** Verghese Mathew
2:42 PM	**Roundtable Discussion With Audience Q&A**
2:45 PM	**Intravascular Imaging: Core Concepts of IVUS, OCT, NIRS, and More** Gary S. Mintz
2:57 PM	**Roundtable Discussion With Audience Q&A**
3:00 PM	**Right and Left Heart Hemodynamic Support Options** John M. Lasala
3:12 PM	**Roundtable Discussion With Audience Q&A**

3:15 PM - 4:30 PM

Session II. Overview of Cardiovascular Disease and Treatment

Moderators: Grzegorz L. Kaluza, Jose M. Wiley
Discussants: David A. Cox, Aloke V. Finn, Elvin Kedhi, Henning Kelbæk, Verghese Mathew, Afzalur Rahman

	3:15 PM	**Coronary Artery Disease: Pathology and Pathogenesis** Grzegorz L. Kaluza
	3:27 PM	**Roundtable Discussion With Audience Q&A**
	3:30 PM	**Coronary Physiology, FFR and iFR** Allen Jeremias
	3:42 PM	**Roundtable Discussion With Audience Q&A**
	3:45 PM	**Acute Coronary Syndromes: Treatment of NSTE-ACS and STEMI** Michael C. Kim
	3:57 PM	**Roundtable Discussion With Audience Q&A**
	4:00 PM	**Left Main and Bifurcation Interventions** Goran Stankovic
	4:12 PM	**Roundtable Discussion With Audience Q&A**
	4:15 PM	**Valvular Heart Disease: Diagnosis and Treatment Options 2017** Nicola Corvaja
	4:27 PM	**Roundtable Discussion With Audience Q&A**

4:30 PM - 6:00 PM

Session III. Introduction to Coronary Angioplasty and Stenting

Moderators: Joseph P. Carrozza Jr, Jose M. Wiley
Discussants: Bimmer E. Claessen, Robert J. Gil, Vijay Kunadian, Hadley Wilson, Clemens von Birgelen

4:30 PM	**Cath Lab Room Setup and Basic Equipment (Guiding Catheters, Wires, and Balloons)** Bonnie H. Weiner
4:42 PM	**Roundtable Discussion With Audience Q&A**
4:45 PM	**Interventional Pharmacology Strategies for PCI and ACS** Piera Capranzano
4:57 PM	**Roundtable Discussion With Audience Q&A**
5:00 PM	**Atherotomy, Atherectomy (Rotational, Orbital, Laser), and Embolic Protection** Robert T. Pyo
5:12 PM	**Roundtable Discussion With Audience Q&A**
5:15 PM	**Drug-Eluting Stent Platforms and Outcomes 2017** Gennaro Sardella
5:27 PM	**Roundtable Discussion With Audience Q&A**
5:30 PM	**Drug-Eluting Stent Thrombosis and Restenosis: Mechanisms, Frequency, and Treatment** Binita Shah
5:42 PM	**Roundtable Discussion With Audience Q&A**
5:45 PM	**Bioresorbable Scaffolds and Outcomes 2017** Jochen Wöhrle
5:57 PM	**Roundtable Discussion With Audience Q&A**

TCT Regional Session: Asia-Pacific Intervention at TCT - Everyday Challenges and Solutions

Sunday, October 29
1:00 PM - 5:04 PM
Colorado Convention Center
Room 702/704, Meeting Room Level
Accreditation: none

1:00 PM - 2:18 PM	**Session I. Left Main and Bifurcation PCI** **Moderators:** Fazila T. Malik, Jack Wei Chieh Tan **Discussants:** Wen-Lieng Lee, Teguh Santoso

	1:00 PM	**Live Case: A Left Main Bifurcation From Medanta Hospital, Gurgaon, India** **Live Case Operator:** Balbir Singh
	1:30 PM	**Left Main Disease 2017: A Thoughtful Approach to PCI and Surgery** Mohan Nair
	1:38 PM	**Flash Debate #1: For Left Main Distal Bifurcation Disease the Provisional Approach Is Preferred!** Duk-Woo Park
	1:44 PM	**Flash Debate #1: For Left Main Distal Bifurcation Disease the DK-Crush Approach Is Preferred!** Zhen Ge
	1:50 PM	**Flash Debate #1: For Left Main Distal Bifurcation Disease Knowing More than One Technique Is Essential!** Jack Wei Chieh Tan
	1:56 PM	**Case Introduction: A Complex Left Main Distal Bifurcation Stenosis in a Patient at High Surgical Risk** **Case Presenter:** Sodiqur Rifqi
	2:00 PM	**Case Comments: How I Would Approach This Case** Kenneth Chin
	2:04 PM	**Case Conclusion: A Complex Left Main Distal Bifurcation Stenosis in a Patient at High Surgical Risk – My Approach and Outcome** **Case Presenter:** Sodiqur Rifqi
	2:08 PM	**Roundtable Discussion With Audience Q&A**
2:18 PM - 3:14 PM	**Session II. Hot Topics and Debates: Bioresorbable Vascular Scaffolds and Primary PCI for STEMI** **Moderators:** Jun-Jack Cheng, Kenneth Chin **Discussants:** Vincent On-Hing Kwok, Michael Kang-Yin Lee, Wasan Udayachalerm	

	2:18 PM	**PCI for STEMI With Cardiogenic Shock: Essential Management Strategies and Devices** Hsiu-Yu Fang
	2:28 PM	**Flash Debate #2: Is Shortening D2B Time Still Important in Primary PCI? Yes- D2B Time Is an Index of Quality Care for STEMI!** Wei-Chun Huang
	2:34 PM	**Flash Debate #2: Is Shortening D2B Time Still Important in Primary PCI? No - Other Quality Metrics Are More Important!** Sreenivas Arramraju Kumar
	2:40 PM	**Roundtable Discussion With Audience Q&A**
	2:46 PM	**Current Updates on BVS: Asia-Pacific and Worldwide** Chiung Jen Wu
	2:56 PM	**Flash Debate #3: Should BVS Scaffolds Be Used Today? Yes – They Are Quite Safe With the Appropriate Implantation Strategy!** Teguh Santoso
	3:02 PM	**Flash Debate #3: Should BVS Scaffolds Be Used Today? No - The Evidence Says So!** Jack Wei Chieh Tan
	3:08 PM	**Roundtable Discussion With Audience Q&A**
3:14 PM - 5:04 PM	**Session III. Complex PCI: Techniques and Cases** **Moderators:** M.S. Hiremath, Bon-Kwon Koo, Sreenivas Arramraju Kumar, Muhammad Munawar **Discussants:** Lianqun Cui, Anuruck Jeamanukoolkit, Fabio Enrique B. Posas, Khung Keong Yeo	

3:14 PM	**Physiology in the Cath Lab for Complex Cases: Do We Need Adenosine?** Bon-Kwon Koo
3:21 PM	**Roundtable Discussion With Audience Q&A**
3:25 PM	**Complex Case #1: Planning Is Everything – Applying the Hybrid Approach in a Complex CTO** **Case Presenter:** Chunguang Qiu
3:33 PM	**Roundtable Discussion With Audience Q&A**
3:36 PM	**Complex Case #2: IVUS Guided True Lumen Seeking in a Complex CTO** **Case Presenter:** Juying Qian
3:44 PM	**Roundtable Discussion With Audience Q&A**
3:47 PM	**Complex Case #3: A Challenging Distal RCA CTO** **Case Presenter:** Lianqun Cui
3:55 PM	**Roundtable Discussion With Audience Q&A**
3:58 PM	**Complex Case #4: Bifurcation PCI Guided by Intravascular Imaging** **Case Presenter:** Saidur Rahman Khan
4:06 PM	**Roundtable Discussion With Audience Q&A**
4:09 PM	**Complex Case #5: An Unreachable Critical LAD Lesion** **Case Presenter:** Ajit R Menon
4:17 PM	**Roundtable Discussion With Audience Q&A**
4:20 PM	**Complex Case #6: Severely Calcified Vessels Treated Without Atherectomy** **Case Presenter:** Y.V.C. Reddy
4:28 PM	**Roundtable Discussion With Audience Q&A**
4:31 PM	**Complex Case #7: A Simple Case That Became Terrifying** **Case Presenter:** Rajneesh Kapoor
4:39 PM	**Roundtable Discussion With Audience Q&A**
4:42 PM	**Complex Case #8: Perforation of Epicardial Collateral During CTO Intervention - A PCI Nightmare** **Case Presenter:** Muhammad Munawar
4:50 PM	**Roundtable Discussion With Audience Q&A**
4:53 PM	**Complex Case #9: My Worst Nightmare - A Stunning Shot** **Case Presenter:** M.S. Hiremath
5:01 PM	**Roundtable Discussion With Audience Q&A**

TCT Regional Session: China Intervention at TCT - Practice and Research From China

Sunday, October 29
1:00 PM - 5:00 PM
Colorado Convention Center
Room 605, Meeting Room Level
Accreditation: none

1:00 PM - 1:50 PM

Session I. Treatment of Left Main Bifurcation Lesions

Moderators: Gregg W. Stone, Bo Xu
Discussants: Shao-Liang Chen, Philippe Genereux, Zening Jin

1:00 PM	**Indication and Evidence for Left Main Bifurcation PCI** Ajay J. Kirtane
1:08 PM	**Current Practice and Perspectives on Treatment of Left Main Bifurcation in China** Shao-Liang Chen
1:18 PM	**Roundtable Discussion With Audience Q&A**
1:23 PM	**Case Presentation: Left Main Bifurcation (Medina 1,1,1)** **Case Presenter:** Zening Jin
1:29 PM	**The Essential Technical Approach to Left Main Bifurcation Lesions** Kefei Dou
1:37 PM	**Roundtable Discussion With Audience Q&A**

1:50 PM - 2:40 PM

Session II. Chronic Total Occlusions

Moderators: Junbo Ge, J. Aaron Grantham
Discussants: David E. Kandzari, Simon J. Walsh, Geng Wang, Qi Zhang

1:50 PM	**Current Practice and Perspectives on CTO PCI in China** Lei Ge
2:00 PM	**Roundtable Discussion With Audience Q&A**
2:05 PM	**Case Presentation: Complex CTO** **Case Presenter:** Yue Li
2:11 PM	**The Essential Technical Approach to CTO** Bin Zhang
2:19 PM	**Indication and Evidence for CTO PCI** Qi Zhang
2:27 PM	**Roundtable Discussion With Audience Q&A**

2:40 PM - 3:28 PM	**Session III. Bioresrobable Scaffolds and Drug-Coated Balloons** **Moderators:** Roxana Mehran, Bo Xu **Discussants:** YunDai Chen, Juan F. Granada, Jun Jiang, Kai Xu	
	2:40 PM	**Clinical Trial Updates of BRS in China** Kai Xu
	2:50 PM	**Case Presentation: Implantation of BRS With Imaging Follow-up** **Case Presenter:** Lei Song
	2:56 PM	**Roundtable Discussion With Audience Q&A**
	3:04 PM	**Current Practice and Perspectives on DCB in China** YunDai Chen
	3:14 PM	**Case Presentation: DCB in a De Novo Lesion** **Case Presenter:** Jun Jiang
	3:20 PM	**Roundtable Discussion With Audience Q&A**
3:28 PM - 4:14 PM	**Session IV: Intravascular Imaging and Physiology** **Moderators:** Ziad A. Ali, Ning Guo, Gary S. Mintz **Discussant:** Jian Liu	
	3:28 PM	**Current Practice and Perspectives on IVUS and OCT in China** Haibo Jia
	3:38 PM	**Quantitative Flow Ratio: A New Tool in the Cath Lab** Shengxian Tu
	3:44 PM	**Roundtable Discussion With Audience Q&A**
	3:52 PM	**Case Presentation: OCT-Guidance of PCI in ACS** **Case Presenter:** Haibo Jia
	3:58 PM	**Roundtable Discussion With Audience Q&A**
	4:03 PM	**Case Presentation: FFR-Guidance of PCI in MVD** **Case Presenter:** Feng Cao
	4:09 PM	**Roundtable Discussion With Audience Q&A**
4:14 PM - 5:00 PM	**Session V. TAVR and LAAC** **Moderators:** Martin B. Leon, Yongjian Wu **Discussants:** Michael Kang-Yin Lee, Horst Sievert, Zhen-Gang Zhao	

4:14 PM	**Current Practice and Perspectives on TAVR in China** Yuejin Yang
4:24 PM	**Current Practice and Perspectives on LAAC in China** Ling Tao
4:34 PM	**Roundtable Discussion With Audience Q&A**
4:42 PM	**Case Presentation: TAVR in Bicuspid Aortic Stenosis With Severe Calcification** **Case Presenter:** Jun Jiang
4:48 PM	**Technical Approach to Bicuspid Aortic Valves** Zhen-Gang Zhao
4:56 PM	**Roundtable Discussion With Audience Q&A**

TCT Regional Session: Europe Intervention at TCT

Sunday, October 29
1:00 PM - 5:08 PM
Colorado Convention Center
Room 506-507, Meeting Room Level
Accreditation: none

1:00 PM - 2:17 PM	**Session I. Hot Topics in PCI** **Moderators:** Jeroen J. Bax, Michael A. Borger, Stephan Windecker **Discussants:** Adrian P. Banning, Anthony H. Gershlick, Simon Redwood, Patrick W. Serruys, Giulio G. Stefanini, Marco Valgimigli

	1:00 PM	**Debate: Revascularization of Left Main Disease - PCI Should Be Preferred in EXCEL-Like Patients** Adrian P. Banning
	1:08 PM	**Debate: Revascularization of Left Main Disease - CABG Remains Standard of Care** Michael A. Borger
	1:16 PM	**Roundtable Discussion With Audience Q&A**
	1:24 PM	**Debate: STEMI With Multivessel Disease - Immediate (or Early) Routine Complete Revascularization Is the Way to Go** Anthony H. Gershlick
	1:32 PM	**Debate: STEMI With Multivessel Disease - Staged (Culprit) Lesion Revascularization Followed by Noninvasive Risk Stratification Is Currently Indicated** Giulio G. Stefanini
	1:40 PM	**Roundtable Discussion With Audience Q&A**
	1:48 PM	**DAPT Duration: Individualized vs Generalized Approach** Marco Valgimigli
	1:58 PM	**Roundtable Discussion With Audience Q&A**
	2:03 PM	**Biorestorative Valve: Tomorrow's World From Preclinical to Clinical** Patrick W. Serruys
	2:13 PM	**Roundtable Discussion With Audience Q&A**
2:17 PM - 3:20 PM	**Session II. Aortic Stenosis and TAVR** **Moderators:** Jeroen J. Bax, Axel Linke **Discussants:** Davide Capodanno, Darren Mylotte, Thomas Pilgrim, Bernard Prendergast, Didier Tchetche, Nicolas M. Van Mieghem, Stephan Windecker	

	2:17 PM	**TAVR vs SAVR: What Do the 2017 ESC Guidelines Say?** Alec S. Vahanian
	2:27 PM	**Roundtable Discussion With Audience Q&A**
	2:31 PM	**Valve Thrombosis and Durability** Lars Sondergaard
	2:41 PM	**Roundtable Discussion With Audience Q&A**
	2:45 PM	**TAVR in Low-Risk Patients** Thomas Pilgrim
	2:55 PM	**Roundtable Discussion With Audience Q&A**
	2:59 PM	**Expanding TAVR Indications (Heart Failure, Asymptomatic Severe AS, and Aortic Regurgitation)** Nicolas M. Van Mieghem
	3:09 PM	**Roundtable Discussion With Audience Q&A**
	3:14 PM	**Summary and Take-home Messages** Axel Linke
3:20 PM - 4:20 PM	**Session III. Challenges and Controversies in the Management of Secondary Mitral Regurgitation** **Moderators:** Jeroen J. Bax, Stephan Windecker **Discussants:** Michael A. Borger, Azeem Latib, Francesco Maisano, Corrado Tamburino, Alec S. Vahanian	
	3:20 PM	**Timing of Intervention for Secondary MR: Not Too Early and Not Too Late?** Alec S. Vahanian
	3:30 PM	**Roundtable Discussion With Audience Q&A**
	3:34 PM	**Surgical Repair vs Replacement for Severe Secondary MR** Michael A. Borger
	3:44 PM	**Roundtable Discussion With Audience Q&A**
	3:48 PM	**Transcatheter Mitral Valve Repair vs Medical Treatment for Severe Secondary MR** Alec S. Vahanian
	3:58 PM	**Roundtable Discussion With Audience Q&A**
	4:02 PM	**Emerging Secondary MR Transcatheter Repair and Replacement Therapies** Francesco Maisano
	4:12 PM	**Roundtable Discussion With Audience Q&A**
	4:16 PM	**Summary and Take-home Messages** Jeroen J. Bax, Stephan Windecker

4:20 PM - 5:08 PM

Session IV. Stroke Prevention in Interventional Cardiology

Moderators: David Hildick-Smith, Lars Sondergaard
Discussants: Robert A. Byrne, Axel Linke, Stephan Windecker

4:20 PM	**PFO Closure in Cryptogenic Stroke** David Hildick-Smith
4:30 PM	**Roundtable Discussion With Audience Q&A**
4:34 PM	**LAA Closure: Underused Therapy in Patients With High Bleeding Risk** Robert A. Byrne
4:44 PM	**Roundtable Discussion With Audience Q&A**
4:48 PM	**Cerebral Protection During TAVR: Routine vs Selective Use** Axel Linke
4:48 PM	**Roundtable Discussion With Audience Q&A**
5:02 PM	**Summary and Take-home Messages** David Hildick-Smith, Lars Sondergaard

TCT Regional Session: Japan Intervention at TCT

Sunday, October 29
1:00 PM - 5:00 PM
Colorado Convention Center
Room 705/707, Meeting Room Level
Accreditation: none

1:00 PM - 2:00 PM

Session I. Advances in PCI

Moderators: Takeshi Kimura, Shigeru Saito
Discussants: Takashi Akasaka, Dominick J. Angiolillo, Hitoshi Matsuo, Masato Nakamura, Takafumi Ueno

	1:00 PM	**Dose Adjustment of Prasugrel for PCI for Japanese Patient** Masato Nakamura
	1:12 PM	**Reduction of In-stent Thrombus Immediately After PCI by Pretreatment With Prasugrel Assessed by OCT** Takashi Kubo
	1:24 PM	**Consideration of Prolonged DAPT After DES Deployment From Angioscopic Findings** Takafumi Ueno
	1:36 PM	**New Insights Into Physiology-Guided PCI for Complex Lesions** Yoshiaki Kawase
	1:48 PM	**Roundtable Discussion With Audience Q&A**

2:00 PM - 4:00 PM

Session II. Evolution in CTO Recanalization

Moderators: Masahiko Ochiai, Atsunori Okamura
Discussants: Masaaki Okutsu, Yutaka Tanaka

	2:00 PM	**Preprocedural Evaluation of CTO by MSCT** Masaaki Okutsu
	2:12 PM	**Use of the Transradial Approach in Complex CTO Interventions** Yutaka Tanaka
	2:24 PM	**IVUS-Guided Rewiring in the Antegrade Approach: When and How?** Atsunori Okamura
	2:36 PM	**Impact of Antegrade Dissection and Re-entry in Japanese CTO Interventions** Masahiko Ochiai
	2:48 PM	**Roundtable Discussion With Audience Q&A**

3:00 PM - 4:00 PM

Session III: TAVR and Structural Heart Interventions

Moderators: Samir R. Kapadia, Shigeru Saito
Discussants: Takashi Akasaka, Kentaro Hayashida, Howard C. Herrmann, Takeshi Kimura, Takashi Matsumoto, Takafumi Ueno, Yusuke Watanabe, Masanori Yamamoto

	3:00 PM	**Initial Experience With Percutaneous Mitral Valve Repair in Japan** Takashi Matsumoto
	3:12 PM	**TAVR in Small Body-Sized Patients: Insight From the OCEAN-TAVI Japanese Multicenter Registry** Yusuke Watanabe
	3:24 PM	**Risk Stratification and Optimal Patient Selection in TAVR** Masanori Yamamoto
	3:36 PM	**TAVR Optimization and Future Perspectives** Kentaro Hayashida
	3:48 PM	**Roundtable Discussion With Audience Q&A**
4:00 PM - 5:00 PM	**Session IV. Peripheral Arterial Interventions** **Moderators:** Masato Nakamura, Shigeru Saito **Discussants:** Masahiko Fujihara, Osamu Iida, Daizo Kawasaki, Yoshimitsu Soga	
	4:00 PM	**Angiographic Dissection Patterns and Patency Outcomes After Balloon Angioplasty for Superficial Femoral Artery Disease** Masahiko Fujihara
	4:15 PM	**Etiology of Femoro-Popliteal Occlusions: From Angioscopy to Pathological Findings** Daizo Kawasaki
	4:25 PM	**Intravascular Ultrasound Plays an Important Role to Improve Long-term Results After Endovascular Intervention** Yoshimitsu Soga
	4:35 PM	**Is Endovascular Intervention the First-line Therapy for Patients With Critical Limb Ischemia?** Osamu Iida
	4:50 PM	**Roundtable Discussion With Audience Q&A**

TCT Regional Session: Latin America Intervention at TCT

Sunday, October 29
1:00 PM - 5:00 PM
Colorado Convention Center
Room 607, Meeting Room Level
Accreditation: none

1:00 PM - 2:00 PM	**Session I. Complex Coronary Intervention** **Moderators:** Jorge A. Belardi, Ricardo Lluberas **Discussants:** Carlos Cabrera Arroyo, Marcelo Jose de Carvalho Cantarelli, Daniel Chamie, Ricardo A. Costa, Leandro Lasave, Alejandro Ricalde	
	1:00 PM	**Step-By-Step Endovascular Imaging Interpretation (IVUS and OCT Case-based Review)** Daniel Chamie
	1:10 PM	**Step-By-Step Assessment of Physiologic Lesion Significance (FFR Case-based Review)** Daniel Chamie
	1:20 PM	**Roundtable Discussion With Audience Q&A**
	1:25 PM	**Left Main Intervention: A Case-based Presentation of Current Techniques and Approaches** Seung-Jung Park
	1:35 PM	**Bifurcation Intervention: A Case-based Presentation of Current Techniques and Approaches** Victor Adrian ROJAS RODRIGUEZ
	1:45 PM	**Interventional Innovation Highlight: DATP Selection Based on a Novel App-based Approach** Jaime Angulo
	1:52 PM	**Roundtable Discussion With Audience Q&A**
2:00 PM - 3:00 PM	**Session II. Primary PCI and Hemodynamic Support** **Moderators:** Jose de Ribamar Costa Jr, Jose L. Leiva-Pons **Discussants:** Jamil Cade, Marcelo Jose de Carvalho Cantarelli, Ricardo A. Costa, Jorge Antonio Mayol Almera, Ricardo Quizhpe	
	2:00 PM	**Patient's First Encounter, Tele-medicine and Interventional Approach** Jamil Cade
	2:10 PM	**Transradial First! A Step-By-Step Procedural Case-based Discussion** Leandro Lasave
	2:20 PM	**Roundtable Discussion With Audience Q&A**
	2:25 PM	**Interventional Pharmacology: A Guideline-based Review** Dominick J. Angiolillo
	2:35 PM	**Interventional Management of Cardiogenic Shock** Jose de Ribamar Costa Jr
	2:45 PM	**Interventional Innovation Highlight: Stent Retriever Embolectomy in Primary PCI With High Thrombotic Burden** Carlos E. Uribe
	2:52 PM	**Roundtable Discussion With Audience Q&A**

3:00 PM - 4:00 PM	**Session III. CTO Toolbox and Technique (LA CTO Club)** **Moderators:** Carlos Cabrera Arroyo, Alexandre Schaan Quadros **Discussants:** Marco Alcantara, Alejandro Goldsmit, Leandro Lasave, Ricardo Quizhpe, Carlos E. Uribe	
	3:00 PM	**Case Selection: Indications for CTO Intervention** Marco Alcantara
	3:10 PM	**CTO Wire and Catheter-based Strategies: Step-By-Step Approach** Alejandro Goldsmit
	3:20 PM	**Roundtable Discussion With Audience Q&A**
	3:30 PM	**Antegrade Dissection and Re-entry: Equipment and Technical Approach** Emmanouil S. Brilakis
	3:40 PM	**Retrograde Approach: Equipment and Technique** Alexandre Schaan Quadros
	3:50 PM	**Roundtable Discussion With Audience Q&A**
4:00 PM - 5:00 PM	**Session IV. Structural Heart Disease Intervention** **Moderators:** Alexandre Abizaid, Oscar A. Mendiz **Discussants:** Jorge Cortes Lawrenz, Antonio Enrique Dager, Jose Luis Navia, Marco A. Perin, Henrique B. Ribeiro, Rogerio Sarmento-Leite	
	4:00 PM	**CT Imaging Analysis for TAVR Procedures: Step-By-Step Approach** Nicolo Piazza
	4:10 PM	**Interventional Pathobiology: A Practical Anatomical Description for SHD Procedures** Juan F. Granada
	4:20 PM	**Roundtable Discussion With Audience Q&A**
	4:25 PM	**Step-By-Step TAVR Implantation Technique (Case-based)** Alexandre Abizaid
	4:35 PM	**Step-By-Step MitraClip Implantation Technique (Case-based)** Marco Alcantara
	4:45 PM	**Step-By-Step LAA Occlusion Implantation Technique (Case-based)** Ricardo Quizhpe
	4:55 PM	**Roundtable Discussion With Audience Q&A**

TCT Regional Session: Middle East and Africa Intervention at TCT

Sunday, October 29
1:00 PM - 5:00 PM

Colorado Convention Center
Room 603, Meeting Room Level
Accreditation: none

1:00 PM - 1:38 PM

Session I. Thrombus Aspiration in STEMI Intervention

Moderators: Graham A. Cassel, Mohamed Ahmed Sobhy
Discussants: Waqar H. Ahmed, Samir Ahnia, Kais BATTIKH, Dhaker Lahidheb, Nireen Okasha

1:00 PM	**Case Presentation: STEMI With Moderate to Large Thrombus Burden** **Case Presenter:** Samir Ahnia
1:08 PM	**Debate: The Case for Upfront Thrombus Aspiration** Nireen Okasha
1:18 PM	**Debate: The Case Against Upfront Thrombus Aspiration** Waqar H. Ahmed
1:28 PM	**Roundtable Discussion With Audience Q&A**

1:38 PM - 2:16 PM

Session II. Multivessel PCI in STEMI Intervention

Moderators: Ran Kornowski, Mohamed Ahmed Sobhy
Discussants: Owayed Al Shammeri, Mohamed Chettibi, Mahmoud Idris Traina, Guy Witberg

1:38 PM	**Case Presentation: A Patient With STEMI and Multivessel Disease** **Case Presenter:** Owayed Al Shammeri
1:46 PM	**Debate: Early Complete Revascularization in STEMI Should Be Routine** Mahmoud Idris Traina
1:56 PM	**Debate: Culprit Only and Deferred Revascularization in STEMI Should Be Routine** Guy Witberg
2:06 PM	**Roundtable Discussion With Audience Q&A**

2:16 PM - 3:00 PM

Session III. Hemodynamic Support in STEMI Intervention

Moderators: Mirvat Alasnag, Habib Gamra
Discussants: Basel AlSabatien, Abdulmajeed Allzubaidi, Graham A. Cassel, Sherif Wagdy Ayad Helmy, Ran Kornowski, Mohamed Ahmed Sobhy

	2:16 PM	**Case Presentation: A Patient With STEMI and Cardiogenic Shock** **Case Presenter:** Basel AlSabatien
	2:24 PM	**Circulatory Support Data for Different Devices** Sherif Wagdy Ayad Helmy
	2:34 PM	**Circulatory Support Pathway** Abdulmajeed Allzubaidi
	2:44 PM	**Roundtable Discussion With Audience Q&A**
	2:54 PM	**STEMI Interventions: Take-home Messages** Mirvat Alasnag, Ran Kornowski, Mohamed Ahmed Sobhy
3:00 PM - 5:00 PM		**Session IV. Valvular Heart Disease Interventions** **Moderators:** Habib Gamra, Mohamed Ahmed Sobhy **Discussants:** Mirvat Alasnag, Dounia Benzarouel, Graham A. Cassel, Ran Kornowski, Amit Segev, E. Murat Tuzcu

3:00 PM	**Epidemiology of Valvular Heart Disease in the Middle East and Africa** Shaheen Pandie
3:10 PM	**Roundtable Discussion With Audience Q&A**
3:15 PM	**A Recorded Case of Balloon Valvuloplasty for Rheumatic Mitral Stenosis (With Integrated Discussion)** Riaz S Dawood
3:40 PM	**Case Presentation: Severe Aortic Stenosis in a 65-Year-Old Man With COPD** **Case Presenter:** Yasser Sadek
3:45 PM	**Debate: TAVI Is the Best Option for This Patient** Ahmad ElSayed Mostafa
3:50 PM	**Debate: Surgery Is the Best Option for This Patient** E. Murat Tuzcu
3:55 PM	**Further Thoughts From the Experts** Ahmad ElSayed Mostafa, E. Murat Tuzcu
4:00 PM	**Roundtable Discussion With Audience Q&A**
4:15 PM	**Case Presentation: Moderate-Severe Degenerative Mitral Regurgitation in a 70-Year-Old Female With a Moderately Dilated LV and LVEF of 40%** Mahmoud Soliman
4:20 PM	**Debate: MitraClip Is the Best Option for This Patient** Hazem Khamis
4:30 PM	**Debate: Surgery Is the Best Option for This Patient!** Dhaker Lahidheb
4:40 PM	**Further Thoughts From the Experts** Hazem Khamis, Dhaker Lahidheb
4:45 PM	**Roundtable Discussion With Audience Q&A**
4:55 PM	**Valvular Heart Disease Interventions: Take-home Messages** Graham A. Cassel, Habib Gamra, E. Murat Tuzcu

Monday, October 30, 2017

Breakfast Program: Advances in SFA Intervention - A Case-Based Review (Sponsored by CRF, Supported by Abbott, Boston Scientific Corporation and Medtronic)

Monday, October 30
6:30 AM - 8:00 AM
Colorado Convention Center
Room 502, Meeting Room Level
Accreditation: CME

6:30 AM - 7:00 AM	**Check in & Breakfast**
7:00 AM - 8:00 AM	**Advances in SFA Intervention: A Case-Based Review** **Chair:** Sahil A. Parikh **Facultys:** Ehrin J. Armstrong, Prakash Krishnan, Arthur C. Lee, Mehdi H. Shishehbor

7:00 AM	**CTO Crossing: Alternate Access or Alternate Devices** Arthur C. Lee
7:10 AM	**Panel Discussion: Lesion Crossing Challenges**
7:20 AM	**Lesion Preparation in SFA Intervention: To Cut, Spin, Vaporize, or Not** Mehdi H. Shishehbor
7:30 AM	**Drug-Coated Balloons: What's the Secret Sauce?** Prakash Krishnan
7:40 AM	**Stents for the SFA: Is a Stent Just a Stent?** Ehrin J. Armstrong
7:50 AM	**Panel Discussion: What's My SFA Treatment Algorithm?**
8:00 AM	**Adjourn**

Breakfast Program: Intra-aortic Balloon Counterpulsation for Percutaneous Aortic Valve or Complex PCI Procedures - Award-Winning Case Presentations (Sponsored by CRF, Supported by Getinge Group)

Monday, October 30
6:30 AM - 8:00 AM
Colorado Convention Center
Room 503, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-In and Breakfast**
7:00 AM - 8:00 AM	**Intra-aortic Balloon Counterpulsation for Percutaneous Aortic Valve or Complex PCI Procedures** **Chairs:** Tayo A. Addo, George D. Dangas, Jose M. Wiley

7:00 AM	**Balloon, Drill, and Shotgun: Survival Kit for MI With Cardiogenic Shock** Tom Ford
7:15 AM	**Q&A**
7:20 AM	**Transbrachial Intra-aortic Balloon Counter Pulsation in a Patient With Acute Coronary Syndrome With Severely Diseased Peripheral Arterial Diseases, Safer High Risk PCI With an Unusual Access** Osama Shoeib
7:35 AM	**Q&A**
7:40 AM	**Percutaneous Coronary Angioplasty of a Bifurcation Lesion in the Y Saphenous Vein Graft in An Acute Coronary Syndrome Patient on IABP Support** Vivudh Pratap Singh
7:55 AM	**Q&A**
8:00 AM	**Adjourn**

Breakfast Program: New Horizons in the Cath Lab: FFRct and Treatment Decision Making (Sponsored by HeartFlow, Inc.)

Monday, October 30
6:30 AM - 8:00 AM
Colorado Convention Center
Room 601, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**New Horizons in the Cath Lab: FFRct and Treatment Decision Making** **Chair:** Gregg W. Stone **Facultys:** Michael Mooney, Bjarne L. Nørgaard, Robert D. Safian

7:00 AM	**Introduction: Utilization of FFRct - Today and Beyond** Gregg W. Stone
7:05 AM	**Real-world Experience Using FFRct** Michael Mooney
7:20 AM	**Implementing a cCTA-first Pathway** Bjarne L. Nørgaard
7:35 AM	**Planning Interventions Using Noninvasive FFRct** Robert D. Safian
7:50 AM	**Discussion** **Moderator:** Gregg W. Stone Bjarne L. Nørgaard **Discussants:** Michael Mooney, Robert D. Safian
8:00 AM	**Adjourn**

Breakfast Program: PFO Closure - Addressing the Unmet Need for Reducing the Risk of Recurrent Ischemic Stroke (Sponsored by Abbott)

Monday, October 30
6:30 AM - 8:00 AM
Colorado Convention Center
Room 603, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**PFO Closure: Addressing the Unmet Need for Reducing the Risk of Recurrent Ischemic Stroke** **Facultys:** John D. Carroll, David E. Thaler

7:00 AM	**Overview of the RESPECT Trial Final Results Data: What Does This Mean for Patients? Practical Aspects for a PFO Clinic Using a Multidisciplinary Approach for Patient Selection: The Importance of Partnering With Neurology** John D. Carroll
7:20 AM	**Patient Selection: Assessing Patient Selection for PFO Closure Through a Comprehensive Stroke Workup. Real-world Challenges: Reviewing Case Studies of Differing Ideologies on PFO Closure** David E. Thaler
7:40 AM	**Q&A** **Discussants:** John D. Carroll, David E. Thaler
8:00 AM	**Adjourn**

Breakfast Program: Podium to Bedside - A Case-Based Review of the Latest Evidence (Sponsored by Duke Clinical Research Institute)

Monday, October 30
6:30 AM - 8:00 AM
Colorado Convention Center
Room 505, Meeting Room Level
Accreditation: CME

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**Podium to Bedside: A Case-Based Review of the Latest Evidence** **Chair:** Sunil V. Rao **Facultys:** Mauricio G. Cohen, Kirk N. Garratt, James B. Hermiller Jr.

7:00 AM	**Introduction** Sunil V. Rao
7:05 AM	**Latest Interventional Cardiology Research Findings: Guidelines, Articles, Breaking Clinical Research** Sunil V. Rao
7:16 AM	**Case 1: Complex PCI Case** **Moderator:** Sunil V. Rao Mauricio G. Cohen
7:29 AM	**Case 2: Complex Structural Heart Case** **Moderator:** Sunil V. Rao Kirk N. Garratt
7:42 AM	**Case 3: Complex ACS Case** **Moderator:** Sunil V. Rao James B. Hermiller Jr.
7:55 AM	**Conclusion** Sunil V. Rao
8:00 AM	**Adjourn**

Breakfast Program: Renal Denervation: Trial Design Really Matters (Sponsored by CRF, Supported by Medtronic)

Monday, October 30
6:30 AM - 8:00 AM
Colorado Convention Center
Room 501, Meeting Room Level
Accreditation: CME

6:30 AM - 7:00 AM	**Check in & Breakfast**
7:00 AM - 8:00 AM	**Renal Denervation: Trial Design Really Matters** **Chair:** David E. Kandzari **Facultys:** Felix Mahfoud, Andrew S.P Sharp, MD, Michael A. Weber

7:00 AM	**Welcome** David E. Kandzari
7:05 AM	**Lessons Learned (from HTN3) and Changes Made (Current Trial Design)** Felix Mahfoud
7:17 AM	**Symplicity Spyral: What We Know Now** Andrew S.P. Sharp, MD
7:29 AM	**Implications and Next Steps** Michael A. Weber
7:41 AM	**Discussion**
8:00 AM	**Adjourn**

Breakfast Program: TCT Cardiogenic Shock Initiative (TCT-CSI) (Organized by CRF, Sponsored by ABIOMED, Inc.(Non-CME))

Monday, October 30
6:30 AM - 8:00 AM
Colorado Convention Center
Room 506-507, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check in & Breakfast**
7:00 AM - 8:00 AM	**TCT Cardiogenic Shock Initiative (TCT-CSI)** **Co-Chairs:** Martin B. Leon, William W. O'Neill **Faculty:** Navin K. Kapur

7:00 AM	**Cardiogenic Shock: A Call to Action** Martin B. Leon
7:20 AM	**Insights From the IQ Database and the Impact of The Cardiogenic Shock Initiative (CSI): Time for a National Movement** William W. O'Neill
7:40 AM	**Using Mechanical Circulatory Support in AMI Cardiogenic Shock: Why the CSI Initiative is Improving Survival** Navin K. Kapur
7:55 AM	**Panel Discussion**
8:00 AM	**Adjourn**

Breakfast Program: The Evolving Role of Physiology and Imaging in the Cath Lab (Sponsored by ACIST)

Monday, October 30
6:30 AM - 8:00 AM
Colorado Convention Center
Room 504, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**The Evolving Role of Physiology and Imaging in the Cath Lab** **Facultys:** Joost Daemen, Matthew J. Price, Arnold Seto, Nicolas M. Van Mieghem

7:00 AM	**Physiology and Imaging: The Best of Times for New Technologies and New Outcomes** Nicolas M. Van Mieghem
7:10 AM	**Physiology Indices: FFR, Contrast FFR, Pd/Pa, and iFR - When to Use What** **Moderator:** Nicolas M. Van Mieghem Arnold Seto
7:25 AM	**Rapid Exchange FFR Microcatheter: The Value in Complex-PCI** **Moderator:** Nicolas M. Van Mieghem Matthew J. Price
7:40 AM	**Are You Finished? Using ACIST Physiology and Imaging Tools for Post-PCI Assessment** **Moderator:** Nicolas M. Van Mieghem Joost Daemen
7:55 AM	**Wrap-up** **Moderator:** Nicolas M. Van Mieghem **Discussants:** Joost Daemen, Matthew J. Price, Arnold Seto
8:00 AM	**Adjourn**

Breakfast Program: What Every Interventionalist Needs to Know About Atrial Fibrillation, Anticoagulation (Sponsored by CRF, supported by Boston Scientific Corporation and Bristol-Myers Squibb/Pfizer)

Monday, October 30
6:30 AM - 8:00 AM
Colorado Convention Center
Room 605, Meeting Room Level
Accreditation: CME

6:30 AM - 7:00 AM	**Check-In and Breakfast**

7:00 AM - 8:00 AM	**What Every Interventionalist Needs to Know About Atrial Fibrillation** **Chair:** Michael D. Ezekowitz **Facultys:** Anthony H. Gershlick, William A. Gray

7:00 AM	**It Is All About Getting the Dose Right: Anticoagulation, in the Setting of Cardioversion - A Modern Look** Michael D. Ezekowitz
7:25 AM	**Anticoagulation and Atrial Fibrillation in the Setting of TAVR** Anthony H. Gershlick
7:35 AM	**Anticoagulation and Atrial Fibrillation in the Setting of LAA and PFO Closure** William A. Gray
7:45 AM	**Illustrative Cases** **Case Presenter:** Michael D. Ezekowitz
8:00 AM	**Adjourn**

Breakfast Program: Why Transcatheter Mitral Annuloplasty Should Be the First Tool in Your Mitral Repair Toolbox (Sponsored by Cardiac Dimensions)

Monday, October 30
6:30 AM - 8:00 AM
Colorado Convention Center
Room 607, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**Why Transcatheter Mitral Annuloplasty Should Be the First Tool in Your Mitral Repair Toolbox** **Chair:** Steven L. Goldberg **Facultys:** Ted Feldman, Samir R. Kapadia, Wilson Y. Szeto, Klaus Witte, Ralph Stephan von Bardeleben

7:00 AM	**Introduction** Ted Feldman
7:05 AM	**An Overview of Device Therapies for Functional MR in the Setting of Heart Failure** Klaus Witte
7:16 AM	**Opening New Therapeutic Avenues: The Use of Adjunctive Percutaneous Mitral Repair Therapies** Ralph Stephan von Bardeleben
7:27 AM	**What We Can Learn From Surgical Mitral Annuloplasty For Percutaneous Therapies** Wilson Y. Szeto
7:38 AM	**The Importance of Randomized Blinded Trials for Mitral Repair Therapies: A Review of the CARILLON Trial** Samir R. Kapadia
7:49 AM	**Panel Discussion** **Moderator:** Steven L. Goldberg
8:00 AM	**Adjourn**

Main Arena I, Monday, Oct. 30

Monday, October 30
8:00 AM - 1:00 PM
Colorado Convention Center
Main Arena, Bellco Theater, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

8:00 AM - 9:00 AM

Live Cases #1

Live Case Moderator: Martin B. Leon
Live Case Co-Moderator: Ted Feldman
Live Case Discussants: Anita Asgar, Vinayak Bapat, Jeroen J. Bax, Steven F. Bolling, Anthony N. DeMaria, Mayra Guerrero, Randolph P. Martin, Matthew J. Price, Vivek Y. Reddy, Vinod H. Thourani, Ralph Stephan von Bardeleben
Factoid Facultys: Serdar Farhan, Keyvan Karimi Galougahi, Amisha Patel, Jonathan Rubin, Elias Sanidas, Evan Shlofmitz, Sabato Sorrentino

8:00 AM	**Heart Center Bonn, University Hospital Bonn, Bonn, Germany** **Live Case Operators:** Eberhard Grube, Georg Nickenig, Robert Schueler, Jan-Malte Sinning, Nikos Werner
8:30 AM	**NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY** **Live Case Operators:** Omar K. Khalique, Robert J. Sommer, Torsten P. Vahl

9:00 AM - 9:45 AM

Celebrating 40 Years of PTCA and 15 Years of TAVR (Presented Jointly by TCT and PCR)

Chairs: Martin B. Leon, Gregg W. Stone
Moderators: Spencer B. King III, Patrick W. Serruys
Discussants: Antonio Colombo, Helene Eltchaninoff, Philippe E. Gaspard, Gary S. Roubin, Richard A. Schatz, John B. Simpson, Alec S. Vahanian, Paul G. Yock

9:00 AM	**Welcome and Comments From the New CEO of CRF: Goals and Vision** Juan F. Granada
9:05 AM	**Featured Lecture: The Enlightened History of PTCA: A Retrospective Tribute** Philippe E. Gaspard
9:20 AM	**Videotape Welcome and Comments From Alain Cribier** Martin B. Leon
9:25 AM	**Panel Discussion**

9:45 AM - 10:00 AM

TCT 2017 Career Achievement Award

Award Presenters: Martin B. Leon, Gregg W. Stone
Award Recipient: Elazer R. Edelman

10:00 AM - 11:00 AM

Live Cases #2

Live Case Moderator: Gregg W. Stone
Live Case Co-Moderator: Antonio Colombo
Live Case Discussants: Fernando Alfonso, Robert A. Byrne, William F. Fearon, Cindy L. Grines, David E. Kandzari, David J. Maron, Roxana Mehran, Gary S. Mintz, Evelyn S. Regar, Craig R. Smith, Gerald S. Werner
Factoid Facultys: Serdar Farhan, Keyvan Karimi Galougahi, Amisha Patel, Jonathan Rubin, Evan Shlofmitz, Sabato Sorrentino

10:00 AM	**National Taiwan University Hospital, Taipei, Taiwan** **Live Case Operators:** Ying-Hsien Chen, Ching-Chang Huang, Paul Hsien-Li Kao, Mao-Shin Lin
10:30 AM	**NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY** **Live Case Operators:** Michael B. Collins, Ajay J. Kirtane, Akiko Maehara, Manish A. Parikh

11:00 AM - 12:00 PM

Late-Breaking Clinical Trials 1

Moderator: Gregg W. Stone
Co-Moderator: E. Magnus Ohman
Discussants: Davide Capodanno, Evald H. Christiansen, Antonio Colombo, Carlo Di Mario, Anthony H. Gershlick, Cindy L. Grines, David Hildick-Smith, Navin K. Kapur, William W. O'Neill, John A. Spertus

	11:00 AM	**CULPRIT-SHOCK: A Randomized Trial of Multivessel PCI in Cardiogenic Shock** Holger Thiele
	11:12 AM	**Roundtable discussion**
	11:20 AM	**EXCEL QOL: Quality of Life After PCI vs CABG in Left Main Coronary Artery Disease** Suzanne J. Baron
	11:32 AM	**Roundtable Discussion**
	11:40 AM	**DKCRUSH-V: A Randomized Trial of Double Kissing Crush vs Provisional Stenting for Treatment of Distal Left Main Bifurcation Lesions** Shao-Liang Chen
	11:52 AM	**Roundtable Discussion**
12:00 PM - 1:00 PM	**First Report Investigations 1** **Moderator:** Fernando Alfonso **Co-Moderator:** Robert A. Byrne **Discussants:** Kenneth Chin, Bernardo Cortese, Claude Hanet, Dean J. Kereiakes, Chaim S. Lotan, Samuel K Mathew, Harry Suryapranata, Nick E. J. West, David X. Zhao, Mark A. de Belder	
	12:00 PM	**HREVS: A Randomized Trial of PCI vs CABG vs Hybrid Revascularization in Patients With Coronary Artery Disease** Roman Tarasov
	12:10 PM	**Roundtable Discussion**
	12:15 PM	**HARMONEE: A Randomized Trial of a Bioabsorbable Polymer-Based DES With a Luminal CD34+ Antibody Coating vs a Durable Polymer-Based DES in Patients With Coronary Artery Disease** Mitchell W. Krucoff
	12:25 PM	**Roundtable Discussion**
	12:30 PM	**DARE: A Randomized Trial of a Drug-Eluting Balloon vs a Metallic DES in Patients With Coronary Artery In-Stent Restenosis** Jose P.S. Henriques
	12:40 PM	**Roundtable Discussion**
	12:45 PM	**VAMPIRE 3: A Randomized Trial of Distal Filter Protection During PCI of High-Risk Plaque** Kiyoshi Hibi
	12:55 PM	**Roundtable Discussion**

Monday, October 30
8:00 AM - 12:00 PM

Colorado Convention Center
Coronary Theater, Theater Wing, Exhibit Level
Accreditation: CME/CNE/MOC/ASRT

8:00 AM - 10:00 AM

Session I. Live Cases: CTO/CHIP

Live Case Moderator: Masahiko Ochiai
Live Case Co-Moderator: Barry D. Rutherford
Live Case Discussants: Christopher E. Buller, Pablo Dario Charry Amaya, Evald H. Christiansen, Simon R. Dixon, Colm Hanratty, Scott Harding, Kristine V Owen, Robert F. Riley, Stéphane Rinfret, Masahisa Yamane
Factoid Facultys: Christine J. Chung, Bimmer E. Claessen, Akiko Fujino, Emad Hakemi

8:00 AM	**National Taiwan University Hospital, Taipei, Taiwan** **Live Case Operators:** Paul Hsien-Li Kao, Chih-Fan Yeh
9:00 AM	**Toyohashi Heart Center, Toyohashi, Aichi, Japan** **Live Case Operators:** Maoto Habara, Yoshihisa Kinoshita, Tetsuo Matsubara, Takahiko Suzuki, Etsuo Tsuchikane

10:00 AM - 12:00 PM

Session II. Live Cases: CTO/CHIP

Live Case Moderator: Emmanouil S. Brilakis
Live Case Co-Moderator: Junbo Ge
Live Case Discussants: Mauro Carlino, Carlo Di Mario, Jeffrey W. Moses, Kenya Nasu, Amit N. Patel, Sudhir Rathore, Alicia Romero, Theodore L. Schreiber, Osama Shoeib, R. Michael Wyman
Factoid Facultys: Christine J. Chung, Bimmer E. Claessen, Akiko Fujino, Emad Hakemi

10:00 AM	**University of Washington Medical Center, Seattle, Washington** **Live Case Operators:** Ravi S. Hira, William L. Lombardi, James C. Spratt
11:00 AM	**NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY** **Live Case Operators:** Darshan Doshi, Dimitri Karmpaliotis, Nicholas J. Lembo, Akiko Maehara **Live Case Guest Operator:** William Nicholson

Didactic Session: Clinical Trial Design and Statistics - From Basic Interpretation to Advanced Concepts

Monday, October 30
2:00 PM - 6:05 PM
Colorado Convention Center
Mile High Ballroom 1E-1F, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 2:45 PM

Session I. Essential Knowledge to Interpret the CV Literature

Moderators: Roxana Mehran, Robert W. Yeh
Discussants: Usman Baber, David J. Cohen, Sanjay Kaul, Laura Mauri, Tullio Palmerini, Stuart J. Pocock

	2:00 PM	**How to Interpret Noninferiority Trials (eg, ABSORB III, EVEREST II, and Others)** Sanjay Kaul
	2:10 PM	**How to Interpret Trials That Are Stopped Early (eg, PRAMI, FAME II, DECISION CTO, and Others)** Laura Mauri
	2:20 PM	**Strengths and Limitations of Composite Endpoints (eg, EXCEL, PLATO, and Others)** Stuart J. Pocock
	2:30 PM	**Roundtable Discussion With Audience Q&A**
2:45 PM - 3:30 PM	**Session II. Spotlight on Interpreting Evidence: The P-value and Beyond** **Moderators:** Eugene H. Blackstone, Stuart J. Pocock **Discussants:** Donald Cutlip, A. Michael Lincoff, Thomas C. McAndrew, Jan G. P. Tijssen, Marco Valgimigli, Roseann M White	
	2:45 PM	**Proper and Improper Interpretations of the P-value** Eugene H. Blackstone
	2:55 PM	**Beyond Time-to-First Event: Counting Multiple Events, Hierarchical Measures, and Weighted Composites** Jan G. P. Tijssen
	3:05 PM	**Alternatives to Traditional P-value Testing: Bayesian Designs** Roseann M White
	3:15 PM	**Roundtable Discussion With Audience Q&A**
3:30 PM - 4:50 PM	**Session III. Debates and Controversies in Study Design and Interpretation: Conversation With Experts** **Moderators:** Robert A. Byrne, Gregg W. Stone **Discussants:** Eric R. Bates, Harold L. Dauerman, Sanjit S. Jolly, Binita Shah, John A. Spertus, Tracy Y. Wang	

	3:30 PM	**Topic 1: How Should We Evaluate Technologies in Their Infancy? TAVR, Renal Denervation, BVS, LAA Closure, Mechanical Circulatory Support, and More** Aaron V. Kaplan
	3:40 PM	**Roundtable Discussion With Audience Q&A**
	3:50 PM	**Topic 2: Outcomes Without a Clear Mechanism (Radial Mortality Benefit, Aspirin/Ticagrelor Interaction, and More)** Robert A. Harrington
	4:00 PM	**Roundtable Discussion With Audience Q&A**
	4:10 PM	**Topic 3: Chronic Total Occlusion PCI - What Level of Evidence Is Required for Widespread Acceptance: Hard Endpoints vs QOL Measures** J. Aaron Grantham
	4:20 PM	**Roundtable Discussion With Audience Q&A**
	4:30 PM	**Topic 4: At the Cusp of Diminishing Returns for CV Therapies - Personalized Approaches and New Frontiers** Robert A. Harrington
	4:40 PM	**Roundtable Discussion With Audience Q&A**
4:50 PM - 6:05 PM	**Session IV. Lies, Darn Lies, and Statistics: Separating the Wheat From the Chaff** **Moderators:** Robert A. Harrington, Sanjay Kaul **Discussants:** Giuseppe Biondi-Zoccai, Davide Capodanno, Schuyler Jones, Dharam J. Kumbhani, Roseann M White, Robert W. Yeh	

4:50 PM	**The Worst Misinterpretations I've Seen in Observational Research Studies: How to Spot Them, How to Avoid Them** Sanjay Kaul
5:00 PM	**Nature's Randomized Trials: Natural Experiments, Instrumental Variables, and Mendelian Randomization (Strengths and Limitations)** Robert W. Yeh
5:10 PM	**Assessment of the Quality and Reliability of Meta-analysis (Summary Level, Network, and Individual Patient Data-Based)** Giuseppe Biondi-Zoccai
5:20 PM	**Do Patients Really Do Better When Their Cardiologists Are Away at Conferences? Embedding Controls in Observational Studies** Robert W. Yeh
5:30 PM	**Risk Score Development, Validation, Precision, Discrimination, and Utility** Davide Capodanno
5:40 PM	**Perspectives on the Feasibiity and Trustworthiness of Large, Simple Trials: From TASTE to ADAPTABLE** Schuyler Jones
5:50 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Interventional Therapies for Hypertension (Renal Denervation and Beyond)

Monday, October 30
2:00 PM - 6:09 PM
Colorado Convention Center
Mile High Ballroom 4C-4D, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:00 PM	**Session I. Hypertension 2017 Update** **Moderators:** Sidney C. Smith, Michael A. Weber **Discussants:** Vasilios Papademetriou, Gerardo Payro, C. Venkata S. Ram, Sandra J Taler, Stephen C. Textor

	2:00 PM	**Recent Clinical Trials and Nonrandomized Studies That Will Change Your Daily Practice** Vasilios Papademetriou
	2:08 PM	**Roundtable Discussion With Audience Q&A**
	2:12 PM	**New U.S. Hypertension Guidelines and Treatment Targets** Sandra J Taler
	2:20 PM	**Roundtable Discussion With Audience Q&A**
	2:24 PM	**Office, Home, or Ambulatory Blood Pressure: How to Measure Blood Pressure in Practice and Clinical Trials** C. Venkata S. Ram
	2:32 PM	**Roundtable Discussion With Audience Q&A**
	2:36 PM	**What is the Optimal Therapy for Hypertension?** Sidney C. Smith
	2:44 PM	**Roundtable Discussion With Audience Q&A**
	2:48 PM	**Uncontrolled Hypertension Management Issues: Adherence, Testing, and Difficult Patient Scenarios** Michael A. Weber
	2:56 PM	**Roundtable Discussion With Audience Q&A**
3:00 PM - 3:48 PM	**Session II. Hypertension and Atherosclerosis: The Interventionalist's Perspective** **Moderators:** Mark C. Bates, Bernard J. Gersh **Discussants:** William T. Abraham, Justin E. Davies, Michael R. Jaff, Melvin D. Lobo, Farrell O. Mendelsohn, Suzanne Oparil	

	3:00 PM	**Renal Artery Atherosclerosis and Secondary Hypertension: Frequency, Diagnosis, and Treatment** Michael R. Jaff
	3:08 PM	**Roundtable Discussion With Audience Q&A**
	3:12 PM	**Why Are Hypertension and Coronary Artery Disease So Connected?** Suzanne Oparil
	3:19 PM	**When Should Coronary Disease Be Suspected and Worked Up in Hypertension?** Farrell O. Mendelsohn
	3:25 PM	**Does Left Ventricular Hypertrophy Compromise Coronary Flow Reserve and Affect Intervention Choices?** Justin E. Davies
	3:31 PM	**Roundtable Discussion With Audience Q&A**
	3:36 PM	**Potential Interventions for Hypertensive Patients With HFpEF** William T. Abraham
	3:44 PM	**Roundtable Discussion With Audience Q&A**

3:48 PM - 5:19 PM

Session III. Renal Denervation in 2017: The Year of Enlightenment?

Moderators: Michael Böhm, Thomas F. Luscher
Discussants: Louis A. Cannon, Christopher J. Cooper, Farrell O. Mendelsohn, Krishna J. Rocha-Singh, Adam Witkowski, Wojtek Wojakowski

	3:48 PM	**Perspectives on Current Trials in Renal Denervation: Evolution of Design, Endpoints, and Objectives** Felix Mahfoud
	3:56 PM	**Roundtable Discussion With Audience Q&A**
	4:00 PM	**First Results From the SPYRAL Hypertension Program (OFF-MED Study)** Michael Böhm
	4:10 PM	**Roundtable Discussion With Audience Q&A**
	4:14 PM	**KONA's WAVE IV Randomized Trial: Principal Results and Lessons Learned** Melvin D. Lobo
	4:24 PM	**Roundtable Discussion With Audience Q&A**
	4:28 PM	**Catheter-Based Ultrasound Renal Denervation: RADIANCE Trial Update** Laura Mauri
	4:35 PM	**Roundtable Discussion With Audience Q&A**
	4:38 PM	**Vessix RE-INFORCE Trial Update** Michael A. Weber
	4:45 PM	**Alcohol-Mediated Renal Denervation With a Higher-Dose: From the European Registry to Target BP 1** Felix Mahfoud
	4:52 PM	**Roundtable Discussion With Audience Q&A**
	4:55 PM	**Diagnostic Mapping and Functional Assessment of the Renal Nerves: The Pythagoras Device** Felix Mahfoud
	5:01 PM	**Sensing Renal Nerve Activity Before, During, and After Denervation: Autonomix** Robert S. Schwartz
	5:07 PM	**Roundtable Discussion With Audience Q&A**
	5:10 PM	**What Needs to Be Shown Before Renal Denervation Can Be Used in Clinical Practice?** Michael A. Weber
	5:16 PM	**Roundtable Discussion With Audience Q&A**
5:19 PM - 6:09 PM	**Session IV. Device-Based Hypertension Therapies Beyond Renal Denervation** **Moderators:** Elazer R. Edelman, Paul A. Sobotka **Discussants:** Steven L. Almany, Mark C. Bates, Daniel Burkhoff, Joost Daemen, Robert S. Schwartz, Horst Sievert	

5:19 PM	**Targets for Device-Based Hypertension Treatments Beyond the Kidneys: Physiology Revisited** Paul A. Sobotka
5:26 PM	**Roundtable Discussion With Audience Q&A**
5:29 PM	**Carotid Body Endovascular Baroreflex Amplification (Vascular Dynamics MobiusHD): From CALM-FIM EUR to CALM II** Mark C. Bates
5:36 PM	**Roundtable Discussion With Audience Q&A**
5:39 PM	**Transcatheter Carotid Body Denervation (Cibiem): First-in-Man Results and Future Directions** Felix Mahfoud
5:46 PM	**Roundtable Discussion With Audience Q&A**
5:49 PM	**AV-Fistula Creation (ROX Coupler): Extended Follow-up Results and Next Steps** Krishna J. Rocha-Singh
5:56 PM	**Roundtable Discussion With Audience Q&A**
5:59 PM	**Pacemaker Mediated Hypertension Treatment (BackBeat): First-in-Man Results and Ongoing Plans** Karl-Heinz Kuck
6:06 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Left Atrial Appendage Closure, Part 1 - Indications, Outcomes, and Imaging

Monday, October 30
2:00 PM - 6:00 PM
Colorado Convention Center
Mile High Ballroom 1A-1B, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:43 PM	**Session I. Why and When to Consider LAA Closure** **Moderators:** Christopher B. Granger, Horst Sievert **Discussants:** Stefan C. Bertog, Lucas V. Boersma, Maurice Buchbinder, Jan Kovac, Amar Krishnaswamy, Peter B. Sick

2:00 PM	**Origin of Thromboemboli in Atrial Fibrillation: Valvular vs Non-Valvular AF, Large vs Small Left Atria, and Other Considerations** Renu Virmani
2:08 PM	**Strengths and Limitations of VKA and NOACs in Clinical Practice** Christopher B. Granger
2:18 PM	**How to Calculate Stroke and Bleeding Risk in Clinical Practice** Ted Feldman
2:26 PM	**High-Risk AF Patients: Changing the Emphasis From Stroke Prevention to Stroke and Hemorrhagic Complication Avoidance** Michael D. Ezekowitz
2:34 PM	**Current Guidelines and Recommendations for LAA Closure in Nonvalvular Atrial Fibrillation** Pascal Vranckx
2:42 PM	**Roundtable Discussion With Audience Q&A**
2:50 PM	**Catheter Ablation and/or LAA Closure for Atrial Fibrillation: Competitive or Complementary?** Vivek Y. Reddy
3:00 PM	**LAA Closure in Valvular Atrial Fibrillation: Rational and Preliminary Data** Kothandam Sivakumar
3:08 PM	**LAA Closure Plus ... TAVR, MitraClip, and More** Samir R. Kapadia
3:16 PM	**Debate: LAA Closure Should Be Considered Only As a Last Resort Option!** John M. Mandrola
3:24 PM	**Debate: LAA Closure Should Be Considered in Most Patients With Nonvalvular Atrial Fibrillation!** Maurice Buchbinder
3:32 PM	**Postdebate Audience Vote: What Proportion of Patients With Nonvalvular Atrial Fibrillation Should Be Offered LAA Closure?** **Poll Moderators:** Christopher B. Granger, Horst Sievert
3:35 PM	**Roundtable Discussion With Audience Q&A**

3:43 PM - 4:48 PM

Session II. Update on Clinical Trials With LAA Closure Devices and NOACs

Moderators: William A. Gray, Vivek Y. Reddy
Discussants: Martin W. Bergmann, Philippe Garot, Christopher B. Granger, Kurt Huber, DJ Lakkireddy, Ulf Landmesser

	3:43 PM	**Should the Improved Results With NOACs Compared to Warfarin Change LAA Closure Decisions?** Kurt Huber
	3:53 PM	**Do the PIONEER and RE-DUAL Results Alter LAA Closure Decisions?** C. Michael Gibson
	4:03 PM	**WATCHMAN: Data Synthesis and Ongoing Trials** William A. Gray
	4:18 PM	**Amulet: Data Synthesis and Ongoing Trials** Fabian Nietlispach
	4:33 PM	**Roundtable Discussion With Audience Q&A**
4:48 PM - 6:00 PM	**Session III. Imaging in LAA Closure** **Moderators:** Rebecca T. Hahn, Fabian Nietlispach **Discussants:** Creighton W. Don, Brij Maini, Michael J. Rinaldi, Jacqueline Saw, Christian Spies, Dee Dee Wang	
	4:48 PM	**Utility of CT Before LAA Closure and How to Image** Dee Dee Wang
	4:56 PM	**TEE Guidance in LAA Closure: Standard Measurements and Advanced Tips and Tricks** Jacqueline Saw
	5:06 PM	**Is 3D TEE Helpful to Guide LAA Closure?** Christian Spies
	5:14 PM	**How to Guide LAA Closure By ICE** Brij Maini
	5:22 PM	**Debate: Fusion Imaging for LAA Closure Is the Future!** Carlos E. Ruiz
	5:29 PM	**Debate: Fusion Imaging for LAA Closure Is the Past!** Fabian Nietlispach
	5:36 PM	**Imaging Follow-up After LAA Closure** Rebecca T. Hahn
	5:44 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Metallic Drug-Eluting Stents and Coronary Drug-Coated Balloons - New Directions

Monday, October 30
2:00 PM - 6:04 PM

Colorado Convention Center
Mile High Ballroom 4E-4F, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:26 PM

Session I. Introductory Topics and Overarching Concepts

Moderators: Dean J. Kereiakes, Spencer B. King III
Discussants: John S. Douglas Jr, Michael Joner, Alexandra J. Lansky, David J. Moliterno, William C. Wijns, Wojtek Wojakowski

2:00 PM	**Keynote Lecture: A Brief 40-Year History of PCI - How Far We've Come, How Far We Have to Go** Robert A. Byrne
2:10 PM	**Very Late Stent Failures and Non-Stent Related Events: Insights Into Improving Event-Free Survival** Lorenz Raber
2:17 PM	**New Insights Into Neoatherosclerosis and Other Causes of Metallic Stent Thrombosis: Will the "Most Dreaded Complication" Always Be With Us?** Aloke V. Finn
2:24 PM	**Metallic DES: What Can We Expect From New Drugs, Polymers, and Metals? Have We Reached the Limit of Iterative Development?** Elazer R. Edelman
2:31 PM	**Roundtable Discussion With Audience Q&A**
2:39 PM	**Impact of AUC and Public Reporting: Is PCI Now More "Appropriate"?** Michael A. Kutcher
2:46 PM	**Impact of Mandatory Stent Price Controls 1: Physician Perspectives** Upendra Kaul
2:53 PM	**Impact of Mandatory Stent Price Controls 2: My New Insights From Inside Industry** Ian T. Meredith
3:00 PM	**Roundtable Discussion With Audience Q&A**
3:07 PM	**Influence of Diversity: Should Sex, Race, and Ethnicity Affect Revascularization Decisions? Does It?** Roxana Mehran
3:14 PM	**Mortality and Stroke After PCI vs CABG In Left Main and 3VD: An Individual Patient Data Meta-analysis** A. Pieter Kappetein
3:22 PM	**Roundtable Discussion With Audience Q&A**

3:26 PM - 4:27 PM

Session II. Comparative Outcomes of Contemporary DES

Moderators: Giulio G. Stefanini, Stephan Windecker
Discussants: Giuseppe Biondi-Zoccai, Jun-Jack Cheng, Stefan K. James, Manel Sabate, Philip M. Urban, Stephen G. Worthley

	3:26 PM	**Are There Meaningful Differences Between Current Durable Polymer-Based vs Bioabsorbable Polymer-Based vs Polymer-Free Metallic DES? Pathologic Insights** Renu Virmani
	3:33 PM	**Are All Contemporary DES Comparable? Lessons From the SORT-OUT Trials** Evald H. Christiansen
	3:40 PM	**Are All Contemporary DES Comparable? Lessons From the TWENTE Trials** Clemens von Birgelen
	3:47 PM	**Are All Contemporary DES Comparable? Lessons From the COMPARE Trials** Elvin Kedhi
	3:54 PM	**Are All Contemporary DES Comparable? Lessons From the SCAAR Registry** Stefan K. James
	4:01 PM	**Metallic DES Are Different! How I Choose Stent Type to Match the Lesion and Patient (From 30 Years of Experience)** Antonio Colombo
	4:08 PM	**Controversial Position Statement: Polymer-Free DES Provide the Optimal Balance of Safety and Efficacy (and Will Improve Most in the Future)!** Philip M. Urban
	4:15 PM	**Roundtable Discussion With Audience Q&A**
4:27 PM - 5:07 PM	**Session III. PCI for Three-Vessel Disease: The Way Forward** **Moderators:** Fernando Alfonso, Patrick W. Serruys **Discussants:** Sripal Bangalore, Alaide Chieffo, David J. Cohen, Javaid Iqbal, Tullio Palmerini, Konstantinos Toutouzas	
	4:27 PM	**Do We Have Enough Data to Make PCI vs CABG Decisions in Complex CAD Using FFR?** William F. Fearon
	4:34 PM	**SYNTAX II: Contemporary Outcomes of PCI in 3VD** Adrian P. Banning
	4:42 PM	**PCI vs. CABG: The Impact of Medication Adherence on Comparative Outcomes** Paul Kurlansky
	4:50 PM	**Complex PCI in Triple Vessel Disease: Do the Economics Make Sense?** Hemal Gada
	4:57 PM	**Roundtable Discussion With Audience Q&A**
5:07 PM - 6:04 PM	**Session IV. Coronary Drug-Coated Balloons and In-Stent Restenosis** **Moderators:** Robert A. Byrne, Ran Kornowski **Discussants:** Anita Asgar, Antonio L. Bartorelli, Alfonso Ielasi, Kimberly A. Skelding, Pieter R. Stella, Jochen Wöhrle	

5:07 PM	**Drug-Coated Coronary Balloon Therapy: Current State-of-the-Art** Bruno Scheller
5:17 PM	**Does DCB Technology Have an Important Role in Treatment of De Novo Coronary Artery Disease? If Not Today, Tomorrow?** Bernardo Cortese
5:24 PM	**Treatment of First-time In-Stent Restenosis State-of-the-Art Review: From Lesion Preparation and Imaging to Restenting to DCB** Fernando Alfonso
5:34 PM	**Treatment of Refractory In-Stent Restenosis State-of-the-Art Review: From Standard Approaches to Parental Drugs and Vascular Brachytherapy** Ron Waksman
5:44 PM	**DCB Preclinical Perspectives: Mechanisms and Experimental Safety and Efficacy of Older, Current, and Futuristic DCB** Juan F. Granada
5:54 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: PCI Pharmacotherapy: Procedural Antithrombins and Acute/Chronic DAPT

Monday, October 30
2:00 PM - 6:00 PM
Colorado Convention Center
Mile High Ballroom 1C-1D, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:15 PM	**Session I. Parenteral Therapies in STEMI** **Moderators:** Michael S. Lee, Dirk Sibbing **Discussants:** Sorin J. Brener, Kevin J. Croce, Harold L. Dauerman, Duk-Woo Park, Duane S. Pinto, Daniel I. Simon

	2:00 PM	**STEMI Case Presentation: Why the Choice of Patental Therapy Matters** **Case Presenter:** Francesco Franchi
	2:05 PM	**Why I Prefer Unfractionated Heparin Without GPI for Primary PCI in STEMI!** A. Michael Lincoff
	2:13 PM	**Why I Prefer a Heparin Plus a GPI for Primary PCI in STEMI!** Eric R. Bates
	2:21 PM	**Why I Prefer Bivalirudin for Primary PCI in STEMI!** Uwe Zeymer
	2:29 PM	**Why I Use Cangrelor for Primary PCI in STEMI!** Dmitriy N. Feldman
	2:37 PM	**Parenteral Therapy in STEMI: Does VALIDATE Change the Equation?** David Erlinge
	2:45 PM	**Should Choice of Parenteral Therapy for Primary PCI in STEMI Depend on Vascular Access?** John A. Bittl
	2:53 PM	**Audience Poll Question: In STEMI Patients Undergoing Primary PCI Which Parenteral Therapy Would You Choose If Cost Was Not an Issue?** **Poll Moderators:** Michael S. Lee, Dirk Sibbing
	2:56 PM	**Roundtable Discussion With Audience Q&A**
	3:13 PM	**Closing Comments and Take-home Messages: What Have We Learned?** **Moderators:** Michael S. Lee, Dirk Sibbing

3:15 PM - 4:56 PM

Session II. DAPT Dilemmas

Moderators: John A. Bittl, Freek W.A. Verheugt
Discussants: Warren J. Cantor, Mark B. Effron, Dmitriy N. Feldman, Carey D. Kimmelstiel, Eliano Pio Navarese, Raffaele Piccolo

3:15 PM	**NSTEMI Case Presentation: Why the DAPT Pre-load Decision Matters** **Case Presenter:** Patricia J. Best
3:20 PM	**Debate: Making the Case for Pretreating ACS patients With Oral P2Y12 Receptor Inhibitors!** Dimitrios Alexopoulos
3:30 PM	**Debate: Making the Case for Not Pretreating ACS patients With Oral P2Y12 Receptor Inhibitors!** Somjot S. Brar
3:40 PM	**Audience Poll Question: Pretreat or Not Pretreat ACS Patients With Oral P2Y12 Receptor Inhibitors?** **Poll Moderators:** John A. Bittl, Freek W.A. Verheugt
3:43 PM	**Debate: DAPT Duration With Contemporary DES: Prolonged (>1 Year) DAPT for Most ACS Patients!** Robert W. Yeh
3:53 PM	**Debate: DAPT Duration With Contemporary DES: Short (<1 Year) DAPT for Most ACS Patients!** Marco Valgimigli
4:03 PM	**DAPT Duration After BVS: Can Evidence-Based Recommendations Be Made?** Davide Capodanno
4:13 PM	**Audience Poll Question: What Is the Optimal DAPT Duration After PCI in ACS?** **Poll Moderators:** John A. Bittl, Freek W.A. Verheugt
4:16 PM	**Debate: After PCI in ACS, Should DAPT Potency Be De-escalated Over Time? Yes, Based on TROPICAL-ACS, TRITON, and Other Studies!** Dirk Sibbing
4:26 PM	**Debate: After PCI in ACS, Should DAPT Potency Be De-escalated Over Time? No, Based on HORIZONS-AMI, PLATO, PEGASUS, and Other Studies!** Gennaro Giustino
4:36 PM	**Audience Poll Question: Should DAPT Potency Be De-escalated Over Time?** **Poll Moderators:** John A. Bittl, Freek W.A. Verheugt
4:39 PM	**Roundtable Discussion With Audience Q&A**
4:54 PM	**Closing Comments and Take-home Messages: What Have We Learned?** **Moderators:** John A. Bittl, Freek W.A. Verheugt

4:56 PM - 6:00 PM

Session III. Antiplatelet Potpourri

Moderators: Dominick J. Angiolillo, Marco Valgimigli
Discussants: Andrea Abizaid, Dimitrios Alexopoulos, Piera Capranzano, Eli I. Lev, Vivian Ng, Gary L. Schaer

4:56 PM	**Impact of Race and Sex on Platelet Reactivity and Clinical Implications** Ron Waksman
5:04 PM	**Crushing and Chewing Oral P2Y12 Receptor Inhibitors: Pharmacodynamic and Clinical Impact** Fabiana Rollini
5:12 PM	**Switching Between Oral P2Y12 Receptor Inhibitors: When and How?** Matthew J. Price
5:20 PM	**Switching to and From Cangrelor: When and How?** Dominick J. Angiolillo
5:28 PM	**Utility of Genotyping and Platelet Function Testing to Guide Antiplatelet Therapy: 2017 Assessment** Thomas Engstroem
5:36 PM	**Rationale and Studies of P2Y12 Inhibitor Monotherapy** Roxana Mehran
5:44 PM	**Roundtable Discussion With Audience Q&A**
5:58 PM	**Closing Comments and Take-home Messages: What Have We Learned?** **Moderators:** Dominick J. Angiolillo, Marco Valgimigli

Didactic Session: Radial Access and Intervention

Monday, October 30
2:00 PM - 6:02 PM
Colorado Convention Center
Mile High Ballroom 2C-3C, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:00 PM	**Session I. Radial Access and Intervention: Essential Evidence** **Moderators:** Prashant Kaul, Jennifer A. Tremmel **Discussants:** Tayo A. Addo, Robert J. Applegate, Rajiv Gulati, Sanjit S. Jolly, Francesco Pelliccia, Binita Shah

	2:00 PM	**Effect of Slender vs Standard Sheath on Radial Artery Occlusion: The RAP and BEAT Trial** Shigeru Saito
	2:08 PM	**Roundtable Discussion With Audience Q&A**
	2:12 PM	**PROPHET II Trial Summary and Clinical Implications** Samir B. Pancholy
	2:20 PM	**Roundtable Discussion With Audience Q&A**
	2:24 PM	**Radial Approach and Renal Protection: A MATRIX Trial Analysis** Marco Valgimigli
	2:30 PM	**Roundtable Discussion With Audience Q&A**
	2:34 PM	**Operator and Patient Radiation Exposure: Radial vs Femoral Approach** Alessandro Sciahbasi
	2:42 PM	**Roundtable Discussion With Audience Q&A**
	2:46 PM	**Maintain Femoral Skills! Rationale and Essential Technique** Curtiss T. Stinis
	2:56 PM	**Roundtable Discussion With Audience Q&A**
3:00 PM - 3:55 PM	**Session II. Radial Approach: Technical Aspects** **Moderators:** Samir B. Pancholy, Sunil V. Rao **Discussants:** Alejandro Goldsmit, Jose L. Leiva-Pons, Andrea Pacchioni, Christopher Pyne, Jordan Safirstein, Pinak B. Shah	
	3:00 PM	**Should We Routinely Use Left Radial Approach? Tips for Optimal Left Radial Set Up** Francesco Burzotta
	3:08 PM	**Long-term Effect of Radial Approach on Upper Limb Function** Maarten Van Leeuwen
	3:16 PM	**Techniques for Transradial Sheathless Approach** Mamas Mamas
	3:24 PM	**Effect of Single or Multiple Catheters for Coronary Angiography on Patient Radiation Exposure** Olivier F. Bertrand
	3:32 PM	**Transradial PCI and Same Day Discharge: An Economic Perspective** Amit Amin
	3:40 PM	**Roundtable Discussion With Audience Q&A**
3:55 PM - 5:06 PM	**Session III. Transradial CHIP: Technique Reviews With the Experts** **Moderators:** Olivier F. Bertrand, Yves R. Louvard **Discussants:** Khaldoon Alaswad, Jonathan M. Hill, Prashant Kaul, Perwaiz M. Meraj, Sunil V. Rao, David X. Zhao	

3:55 PM	**Audience Poll: Do You Routinely Use Radial Access for STEMI Patients With Shock?** **Poll Moderators:** Olivier F. Bertrand, Yves R. Louvard
3:57 PM	**My Technique for: Transradial PCI in STEMI and Shock** William M Suh
4:07 PM	**Audience Poll: Do You Use at Least One Radial Access for CTOs?** **Poll Moderators:** Olivier F. Bertrand, Yves R. Louvard
4:09 PM	**My Technique for: Transradial CTO PCI** Stéphane Rinfret
4:19 PM	**Audience Poll: Do You Routinely Use Radial Access for Unprotected Left Main PCI?** **Poll Moderators:** Olivier F. Bertrand, Yves R. Louvard
4:21 PM	**My Technique for: High-Risk Transradial Unprotected Left Main PCI** Mauricio G. Cohen
4:31 PM	**Audience Poll: Do You Routinely Use Radial Access for Atherectomy?** **Poll Moderators:** Olivier F. Bertrand, Yves R. Louvard
4:33 PM	**My Technique for: Atherectomy Via Radial Access** Prashant Kaul
4:43 PM	**Roundtable Discussion With Audience Q&A**
4:58 PM	**Final Audience Polling With Discussion: 1. After This Session, Will You Increase Your Use of Radial Access for STEMI With Shock?** **Poll Moderators:** Olivier F. Bertrand, Yves R. Louvard
5:00 PM	**Final Audience Polling With Discussion: 2. After This Session, Will You Use at Least on Radial Access for CTO PCI?** **Poll Moderators:** Olivier F. Bertrand, Yves R. Louvard
5:02 PM	**Final Audience Polling With Discussion: 3. After This Session, Will You Use Radial Access for Left Main PCI?** **Poll Moderators:** Olivier F. Bertrand, Yves R. Louvard
5:04 PM	**Final Audience Polling With Discussion: 4. After This Session, Will You Use Radial Access for Atherectomy?** **Poll Moderators:** Olivier F. Bertrand, Yves R. Louvard

5:06 PM - 6:02 PM

Session IV. Arm Access: Pushing the Envelope

Moderators: Binita Shah, Adhir Shroff
Discussants: Ronald Caputo, Verghese Mathew, Samir B. Pancholy, Mladen I. Vidovich, Steven J. Yakubov

	5:06 PM	**Distal Radial Access: New Paradigm in Radial Approach** Ian C. Gilchrist
	5:16 PM	**Roundtable Discussion With Audience Q&A**
	5:20 PM	**Transradial "Slender" Approach** Shigeru Saito
	5:28 PM	**Roundtable Discussion With Audience Q&A**
	5:32 PM	**Ulnar Approach: Ipsilateral, Contralateral, or Never?** Rajiv Gulati
	5:42 PM	**Roundtable Discussion With Audience Q&A**
	5:47 PM	**Endovascular Interventions Through the Wrist** Sasko Kedev
	5:57 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: TCT Endovascular - SFA, Popliteal, and Below-the-Knee Interventions

Monday, October 30
2:00 PM - 6:10 PM
Colorado Convention Center
Mile High Ballroom 4A-4B, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:00 PM		**Session I. Live Case Demonstrations: SFA Intervention** **Live Case Moderator:** Tony Das **Live Case Co-Moderator:** Sahil A. Parikh **Live Case Discussants:** Ehrin J. Armstrong, Brian G. DeRubertis, Robert A. Lookstein, Anthony L. Pucillo, Peter A. Schneider, Mehdi H. Shishehbor, Thomas Zeller
	2:00 PM	**SFA CTO Live Case: Riverside Methodist Hospital/OhioHealth, Columbus, Ohio** **Live Case Operators:** Gary M. Ansel, Charles F. Botti, Jr., John A. Phillips
	2:30 PM	**BTK Live Case: Riverside Methodist Hospital/OhioHealth, Columbus, Ohio** **Live Case Operators:** Gary M. Ansel, Charles F. Botti, Jr., John A. Phillips
3:00 PM - 3:56 PM		**Session II. SFA and Tibial Crossing Techniques: State-of-the-Art** **Moderators:** Ehrin J. Armstrong, Sahil A. Parikh **Discussants:** George L Adams, Prakash Krishnan, Arthur C. Lee, Kevin Rogers, Kenneth Rosenfield, Craig M. Walker

	3:00 PM	**Case Introduction: A Long Segment SFA CTO** **Case Presenter:** Beau Hawkins
	3:05 PM	**How to Optimize Intraluminal Antegrade Crossing for Infrainguinal CTOs: Dedicated Wires and Re-entry Devices** Steve Henao
	3:15 PM	**Retrograde Crossing Techniques for Infrainguinal CTOs** Arthur C. Lee
	3:25 PM	**Case Conclusion: How I Treated a Long Segment SFA CTO** **Case Presenter:** Beau Hawkins
	3:30 PM	**Case Presentation: Treatment of a Tibial CTO** **Case Presenter:** Tak W. Kwan
	3:38 PM	**Applications of Coronary CTO Techniques to Peripheral CTOs** Subhash Banerjee
	3:46 PM	**Roundtable Discussion With Audience Q&A**
3:56 PM - 4:48 PM	**Session III. SFA and Tibial Artery Lesion Preparation** **Moderators:** Lawrence A. Garcia, Mehdi H. Shishehbor **Discussants:** Herbert D. Aronow, Ian M Cawich, Iwan Dakota, Jihad A. Mustapha, Khusrow Niazi, Sahil A. Parikh, Nicolas W Shammas	
	3:56 PM	**What Constitutes Optimal Lesion Preparation in the SFA?** Nicolas W Shammas
	4:04 PM	**SFA Atherectomy for Complex Calcified Lesions: Case Examples and Data** **Case Presenter:** D. Christopher Metzger
	4:12 PM	**SFA Atherectomy for ISR and Mixed Morphology Plaque: Case Examples and Data** **Case Presenter:** Craig M. Walker
	4:20 PM	**Role of Atherectomy in Treating Tibial Vessels: Case Examples and Data** **Case Presenter:** Ian M Cawich
	4:30 PM	**Will Atherectomy Improve the Results of Drug Coated Balloons? Preclinical and Early Clinical Data** Lawrence A. Garcia
	4:38 PM	**Do These Lesions Require Atherectomy? Five Rapid Fire Cases Discussed** **Case Presenter:** Mehdi H. Shishehbor
4:48 PM - 6:10 PM	**Session IV. Optimal Treatment of SFA and Tibial Vessels: Balloons, Drugs, Scaffolds, and Beyond** **Moderator:** Subhash Banerjee **Discussants:** Tony Das, Bryan T. Fisher, Prakash Krishnan, Arthur C. Lee, Robert A. Lookstein, Sahil A. Parikh, Peter A. Soukas	

4:48 PM	**Drug Coated Balloons in Complex SFA Lesions: Case Examples and Data** **Case Presenter:** Subhash Banerjee
4:58 PM	**Bioresorbable Scaffolds in Complex SFA Lesions: Case Examples and Data** **Case Presenter:** Tony Das
5:06 PM	**Emerging Treatments for Complex SFA Lesions: Tacks and Adventitial Drug Delivery** Ehrin J. Armstrong
5:16 PM	**PQ Bypass and the DETOUR I: 12-Month Results** Jihad A. Mustapha
5:24 PM	**Debate: Drug Coated Balloons Will Eventually Show Benefit for Infrapopliteal Arteries - Pro!** Bryan T. Fisher
5:32 PM	**Debate: Drug Coated Balloons Will Eventually Show Benefit for Infrapopliteal Arteries - Con!** Robert A. Lookstein
5:40 PM	**Does Pedal Loop Angioplasty Improve the Outcomes of Patients With CLI?** Arthur C. Lee
5:48 PM	**A Hybrid Algorithm for Treatment of SFA CTOs** Sahil A. Parikh
5:56 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: The Left Main and Bifurcation Summit, Part 1 - Coronary Bifurcation Treatment

Monday, October 30
2:00 PM - 5:52 PM
Colorado Convention Center
Room 401-404, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:00 PM	**Session I. Current Thinking in Bifurcation Coronary Treatment** **Moderators:** Davide Capodanno, David Hildick-Smith **Discussants:** Adrian P. Banning, Robert J. Gil, Tom Johnson, Aaron V. Kaplan, Song Lin, Sigmund Silber, Goran Stankovic

	2:00 PM	**The History of Bifurcation Treatments: Key Milestones Along the Way** David Hildick-Smith
	2:08 PM	**Bifurcation Literature Review: New Data From 2016-17** Tom Johnson
	2:16 PM	**Anatomy and Pathology of Left Main and Non Left Main Bifurcations: Similarities and Differences** Tom Johnson
	2:24 PM	**Memorial Lecture: What the Medina Classification Has Meant to Me and the Field of Bifurcation Stenting** Antonio Colombo
	2:32 PM	**Key Messages From the EBC Consensus Documents** Goran Stankovic
	2:40 PM	**Treatment of Coronary Bifurcations in the Contemporary Era of P2Y12 Inhibitors and "Biologically Active Stents"** Marco Zimarino
	2:48 PM	**Roundtable Discussion With Audience Q&A**
3:00 PM - 4:34 PM	**Session II. Technical Approach to Bifurcation Lesions** **Moderators:** Terje K. Steigen, Leif Thuesen **Discussants:** Takashi Akasaka, Niels R. Holm, Angela Hoye, Bon-Kwon Koo, Afzalur Rahman, Teguh Santoso	

	3:00 PM	**My Stepwise Approach to Bifurcations to Decide Between 1 and 2 Stents (With Case Examples)** Yves R. Louvard
	3:08 PM	**Techniques for Side Branch Bailout Stent Use When the Provisional Approach Fails** Vladimir Dzavik
	3:16 PM	**When Two Stents Are Indicated: Culotte Technique Step-by-step (With Case Examples)** Ioannis Iakovou
	3:24 PM	**When Two Stents Are Indicated: TAP Technique Step-by-step (With Case Examples)** Francesco Burzotta
	3:32 PM	**When Two Stents Are Indicated: DK Crush Technique Step-by-step (With Case Examples)** Nai-Liang Tian
	3:40 PM	**POT vs Kissing Balloon Inflations: Alternatives or Complementary?** Bernard R. Chevalier
	3:48 PM	**How to Use IVUS and FFR to Improve the Results of Bifurcation Lesion PCI** Massoud A. Leesar
	3:56 PM	**How to use OCT in Bifurcation Lesions** Jasvindar Singh
	4:04 PM	**How Would You Approach These Bifurcation Cases?** **Case Presenter:** David Hildick-Smith
	4:19 PM	**Roundtable Discussion With Audience Q&A**

4:34 PM - 5:52 PM

Session III. Special Situations in Bifurcations

Moderators: Antonio Colombo, Manuel Pan
Discussants: James Cockburn, Hyeon-Cheol Gwon, Thomas Hovasse, Angela Hoye, Jens Flensted Lassen, Jozica Sikic

4:34 PM	**Tips and Tricks to Wiring Difficult Bifurcations (With Case Examples)** Thomas Hovasse
4:42 PM	**Will This Side Branch Occlude? (With Case Examples)** James Cockburn
4:50 PM	**What to Do When the Balloon Won't Cross Into the Sidebranch (With Case Examples)** Omer Goktekin
4:58 PM	**Case Presentation: Why I Lost This Branch and What I Should Have Done Instead** **Case Presenter:** Ricardo A. Costa
5:06 PM	**Case Presentation: Why I Lost This Branch and What I Should Have Done Instead** **Case Presenter:** Hyeon-Cheol Gwon
5:14 PM	**How to Treat the Medina 0,0,1 Lesion** Angela Hoye
5:22 PM	**Is There a Role for Sidebranch Treatment With Drug-Eluting Balloons?** Jozica Sikic
5:30 PM	**Reasonable and Unreasonable Bifurcations for Bioresorbable Scaffolds, and Technique (With Case Examples)** Jens Flensted Lassen
5:38 PM	**Case Presentation: My Worst Bifurcation Mistake** **Case Presenter:** Manuel Pan
5:44 PM	**Case Presentation: My Worst Bifurcation Mistake** **Case Presenter:** Azeem Latib

Didactic Session: Transcatheter Aortic Valve Therapies, Part 1 - Novel, Provocative, and Controversial Topics in Aortic Valve Disease and Evolving Clinical Indications for TAVR

Monday, October 30
2:00 PM - 6:26 PM
Colorado Convention Center
Mile High Ballroom 2B-3B, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 4:19 PM	**Session I. Novel, Provocative, and Controversial Topics in Aortic Valve Disease** **Moderators:** Robert O. Bonow, Michael J. Mack **Discussants:** Helene Eltchaninoff, Neil E. Moat, Philippe Pibarot, Josep Rodés-Cabau, Patrick W. Serruys, Craig R. Smith

2:00 PM	**Refining the Classic Definition of Aortic Stenosis: A Dynamic Interpretation Including the Role of Ventricular Stroke Work and Vascular Impedance** Elazer R. Edelman
2:10 PM	**Staging Classification of Aortic Stenosis Based Upon the Extent of Cardiac Damage – A Novel Concept** Philippe Genereux
2:20 PM	**Roundtable Discussion With Audience Q&A**
2:30 PM	**Featured Lecture: The Vancouver Multidisciplinary, Multimodality, but Minimalist Clinical Pathway Facilitates Safe Next Day Discharge Home at Low, Medium, and High Volume Transcatheter Aortic Valve Replacement Centres: the 3M TAVR Study** David A. Wood
2:40 PM	**Roundtable Discussion With Audience Q&A**
2:45 PM - 3:02 PM	**Flash Debate #1: Does TAVR Case Volume Importantly Influence Clinical Outcomes?**

2:45 PM	**Point - Clearly, The More You Do, The Better You Are!** John D. Carroll
2:50 PM	**Counterpoint – In the Modern Era, Crowd Wisdom, Cumulative Experience and New Technology Trumps Case Volume!** Martin B. Leon
2:55 PM	**Rebuttal and Roundtable Discussion With Audience Q&A**
3:00 PM	**Audience Vote: Does TAVR Case Volume Importantly Influence Clinical Outcomes?** **Poll Moderators:** Robert O. Bonow, Michael J. Mack

3:02 PM - 3:19 PM	**Flash Debate #2: A National System of Designated Heart Valve Centers Should Optimize Patient Care**

3:02 PM	**Point – A Tiered Centers of Excellence Approach Makes Sense!** Patrick T. O'Gara
3:07 PM	**Counterpoint – Access to Modern Valve Therapies for Underserved Populations Trumps Arbitrary Guidelines Favoring High-Volume Urban Centers!** Uzoma Ibebuogu
3:12 PM	**Rebuttal and Roundtable Discussion With Audience Q&A**
3:17 PM	**Audience Vote: Is a National System of Designated Heart Valve Centers Necessary to Optimize Patient Care?** **Poll Moderators:** Robert O. Bonow, Michael J. Mack

3:19 PM	**Aortic Stenosis Population Oddities – Who are the Patients Not Being Diagnosed or Treated?** Maurice E. Sarano

3:29 PM	**Roundtable Discussion With Audience Q&A**
3:34 PM	**From Traditional Society Guidelines to Rapid Communications (e.g. BMJ WikiRecs): Evidence Development, Clinical Practice Standards, and Treatment Recommendations** David Hildick-Smith
3:44 PM	**Roundtable Discussion With Audience Q&A**
3:49 PM	**Futuristic and Novel #1: The Promise of Tissue Engineered Bioprosthetic Heart Valves (Both Surgical and Transcatheter) is Within Reach** Maximilian Y Emmert
3:59 PM	**Roundtable Discussion With Audience Q&A**
4:04 PM	**Futuristic and Novel #2: Using Artificial Intelligence (Machine Learning) to Direct Acquisition and Interpretation of Echocardiograms – Improving Access and Quality of Valve Disease Diagnosis** Randolph P. Martin
4:14 PM	**Roundtable Discussion With Audience Q&A**

4:19 PM - 6:26 PM

Session II. Evolving Clinical Indications for TAVR

Moderators: Martin B. Leon, Patrick T. O'Gara
Discussants: Jeroen J. Bax, Susheel K. Kodali, Bernard Prendergast, Maurice E. Sarano, Allan Schwartz, Olaf Wendler

4:19 PM	**Take-home Messages for Managing Aortic Valve Disease From the 2017 AHA/ACC Focused Update** Allan Schwartz
4:27 PM	**Insights From the New 2017 ESC Valve Disease Guidelines: Changes in the Management of Aortic Stenosis** Olaf Wendler
4:35 PM	**Roundtable Discussion With Audience Q&A**
4:39 PM	**Featured Lecture: Transcatheter Aortic Valve Replacement With a Self-Expanding Prosthesis or Surgical Aortic Valve Replacement in Intermediate-Risk Patients : Complete 1-Year Outcomes from the SURTAVI Trial** Nicolas M. Van Mieghem
4:49 PM - 5:06 PM	**Viewpoints in the Management of “Intermediate-Risk” Patients with Aortic Stenosis**

4:49 PM **Viewpoint #1: PARTNER 2A and SURTAVI are Convincing – TAVR is Preferred in ALL (Appropriate) Intermediate-Risk Patients**
Michael J. Reardon

4:55 PM **Viewpoint #2: Not So Fast! GARY and Other Studies Indicate an Important Role for Surgery in Intermediate-risk Patients**
Thomas Walther

5:01 PM **Roundtable Discussion With Audience Q&A**

5:06 PM - 5:26 PM **Updates From Ongoing Clinical Trials in Patients With "Low-risk" Aortic Stenosis**

5:06 PM **The UK All-comer TAVI Study**
Neil E. Moat

5:10 PM **The PARTNER 3 Low-risk Trial**
Michael J. Mack

5:14 PM **The Evolut R Low-risk Trial**
Jeffrey J. Popma

5:18 PM **The NOTION 2 Low-risk Trial in Younger Patients**
Lars Sondergaard

5:22 PM **Roundtable Discussion With Audience Q&A**

5:26 PM - 5:56 PM **Transcatheter Valve-in-Valve Therapy for Aortic Bioprosthetic Valve Failure**

5:26 PM **Understanding Surgical Aortic Valve "Anatomy": Implications for Valve-in-Valve Therapy**
Vinayak Bapat

5:34 PM **Important Clinical Lessons From the VIVID Registry and the PARTNER Experience**
John G. Webb

5:42 PM **How to Optimally Perform Valve-in-Valve Implantation in a Small Surgical Valve (Including Bioprosthetic Valve Fracture) – Case Examples**
Case Presenter: Danny Dvir

5:50 PM **Roundtable Discussion With Audience Q&A**

5:56 PM - 6:26 PM **Transcatheter Valve Therapy for Low Flow-Low Gradient Aortic Stenosis**

5:56 PM	**Classifying Aortic Stenosis According to Pathophysiology and Hemodynamics – An Echocardiographer's Perspective** Philippe Pibarot
6:04 PM	**Clinical Management of Low Flow-Low Gradient AS: The Role of TAVR** Howard C. Herrmann
6:12 PM	**When is TAVR Indicated for Low Gradient AS With Preserved Ejection Fraction? Case Examples** **Case Presenter:** Mackram F. Eleid
6:20 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Transcatheter Mitral Valve Therapies, Part 1 - Mitral Valve Repair

Monday, October 30
2:00 PM - 6:20 PM
Colorado Convention Center
Mile High Ballroom 2A-3A, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 2:55 PM	**Session I. Overview and Imaging** **Moderators:** Paul A. Grayburn, Maurice E. Sarano **Discussants:** Rebecca T. Hahn, Stephen H. Little, Carlos E. Ruiz, Robert J. Siegel, Dee Dee Wang, Neil J. Weissman

	2:00 PM	**Magnitude and Implications of Under-treatment of Mitral Regurgitation** Maurice E. Sarano
	2:07 PM	**A Conceptual Framework for Selection of MR Patients for Medical Therapy, Surgery, and Transcatheter Therapies** Allan Schwartz
	2:14 PM	**What Degree of MR Deserves Surgical or Transcatheter Intervention, and How Should It Be Assessed?** Robert J. Siegel
	2:21 PM	**TEE Imaging Essentials for Patient Selection of Mitraclip, Transcatheter Annuloplasty, and TMVR Procedures** Paul A. Grayburn
	2:29 PM	**CT Imaging Essentials for Patient Selection of Mitraclip, Transcatheter Annuloplasty, and TMVR Procedures** Jonathon A. Leipsic
	2:37 PM	**Use of Different Imaging Modalities to Conceptualize the 3-Dimensional Heart** Nicolo Piazza
	2:45 PM	**Roundtable Discussion With Audience Q&A**

2:55 PM - 4:06 PM

Session II. Mitral Valve Repair and the MitraClip

Moderators: Ted Feldman, Scott Lim
Discussants: Gorav Ailawadi, Stephan Baldus, Khalil Fattouch, Olaf Franzen, Linda D. Gillam, Ramon Quesada

	2:55 PM	**Keynote Address: Grand Summary of the Vast Transcatheter MV Repair Landscape** Francesco Maisano
	3:05 PM	**Mitraclip Patient Selection and Outcomes 2017: Who Is NOT Anatomically Eligible (Or in Whom Are the Results Suboptimal or Not Durable)?** Saibal Kar
	3:12 PM	**Case Presentation: Mitraclip in a Low to Intermediate Surgical Risk Patient With Degenerative MR** **Case Presenter:** Michael J. Rinaldi
	3:17 PM	**MitraClip For the Low and Intermediate Risk Degenerative MR Patient: Ethics and Outcomes** James B. Hermiller Jr.
	3:23 PM	**Case Presentation: MitraClip in an Intermediate Surgical Risk Patient With Functional MR** **Case Presenter:** Hüseyin Ince
	3:28 PM	**Surgical Bailout of MitraClip Complications and Failures** Michael Argenziano
	3:34 PM	**Mitraclip Bailout of Surgical Complications and Failures** Colin M. Barker
	3:40 PM	**Audience Poll: Should the MitraClip Be Considered a Routine Option Today in Non-High-Risk Patients With Severe Degenerative MR and a Strong Desire to Avoid Surgery?** **Poll Moderators:** Ted Feldman, Scott Lim
	3:42 PM	**Flash Debate: MitraClip Is Now Standard of Care for Functional MR!** Stephan Baldus
	3:47 PM	**Flash Debate: MitraClip Should Not Be Crowned King of FMR Until COAPT and Other RCT Results!** Patrick M. McCarthy
	3:52 PM	**Audience Poll: Should the MitraClip Be Routinely Used Today in Patients With Severe Functional MR and Heart Failure?** **Poll Moderators:** Ted Feldman, Scott Lim
	3:54 PM	**Roundtable Discussion With Audience Q&A**

4:06 PM - 6:20 PM

Session III. More Mitraclip and Annuloplasty Devices

Moderators: James B. Hermiller Jr., Ralph Stephan von Bardeleben
Discussants: Gilles Dreyfus, Andrejs Erglis, Steven L. Goldberg, Samir R. Kapadia, Joachim Schofer, Amit Segev, Molly Szerlip

	4:06 PM	**Uses and Outcomes of the MitraClip in The US: Updated STS Registry Results** Paul Sorajja
	4:12 PM	**MitraClip for End-stage Heart Failure and Cardiogenic Shock** Saibal Kar

4:17 PM	**Single Leaflet Detachment and Clip Embolization: Frequency, Causes, and Management** Scott Lim
4:23 PM	**MitraClip Generational Improvements and the Pascal Device: Will Outcomes Be Improved?** John G. Webb
4:30 PM	**Will Transcatheter Clips, Annuloplasty, and Artificial Chords Prove Durable? Surgical Insights** Khalil Fattouch
4:36 PM	**Cardioband Direct Annuloplasty for Functional MR: Data Synthesis and RCT Progress** Vinod H. Thourani
4:42 PM	**Cardioband Direct Annuloplasty for Functional MR: Procedure and Tips and Tricks** Azeem Latib
4:47 PM	**Accucinch Basal Ventriculoplasty for Functional MR: Device, Procedure, and Outcomes** Horst Sievert
4:53 PM	**Ven Touch Ventriculoplasty for Functional MR: Device, Procedure, and Outcomes** Ted Feldman
4:59 PM	**Millipede Direct Annuloplasty for Functional MR: Device, Procedure, and Outcomes** Jason H. Rogers
5:05 PM	**Amend Ring Annuloplasty System: Device, Procedure, and Outcomes** Andrea Colli
5:11 PM	**Cardiac Implants Direct Annuloplasty for Functional MR: Device, Procedure, and Outcomes** Karl-Heinz Kuck
5:17 PM	**Anticipating CoAPT: Two Year Roll-in Results and RCT Progress** Gregg W. Stone
5:24 PM	**Carillon Indirect Annuloplasty for Functional MR: Data Synthesis and RCT Progress** Wilson Y. Szeto
5:30 PM	**Carillon Indirect Annuloplasty for Functional MR: Procedure and Tips and Tricks** Ralph Stephan von Bardeleben
5:35 PM	**Update of ARTO Indirect Annuloplasty for Functional MR: Device, Procedure, and Outcomes** David Hildick-Smith
5:41 PM	**Update of Mitral Cerclage Annuloplasty** Robert J. Lederman
5:46 PM	**Neochord for Degenerative MR: Data Synthesis and RCT Progress** Khalil Fattouch
5:52 PM	**Neochord for Degenerative MR: Procedure and Tips and Tricks** David H. Adams
5:57 PM	**Harpoon for Degenerative MR: Device, Clinical Studies Update, and Future Directions** James S. Gammie

6:03 PM	**Roundtable Discussion With Audience Q&A**

Learn the Technique (Case Reviews): Acute Infarct Angioplasty and Cardiogenic Shock

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 702/704, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM	**Acute Infarct Angioplasty and Cardiogenic Shock** **Moderators:** Timothy D. Henry, Thomas D. Stuckey **Discussants:** David A. Cox, Kishore J. Harjai, Henning Kelbæk, Akshay Khandelwal, Sandeep Nathan, Christian M. Spaulding

12:00 PM	**Case #1: When Transradial Access in STEMI Won't Cooperate - When to Crossover (With Discussion)** **Case Presenter:** Sunil V. Rao
12:13 PM	**Moderator Summation** **Moderators:** Timothy D. Henry, Thomas D. Stuckey
12:15 PM	**Case #2: Massive Thrombus in STEMI - Beyond Aspiration, Enter Creativity (With Discussion)** **Case Presenter:** David A. Cox
12:28 PM	**Moderator Summation** **Moderators:** Timothy D. Henry, Thomas D. Stuckey
12:30 PM	**Case #3: STEMI and Multivessel Disease (With Discussion)** **Case Presenter:** Dariusz Dudek
12:43 PM	**Moderator Summation** **Moderators:** Timothy D. Henry, Thomas D. Stuckey
12:45 PM	**Case #4: Perils of Stenting a Spontaneous Coronary Artery Dissection (With Discussion)** **Case Presenter:** Jennifer A. Tremmel
12:58 PM	**Moderator Summation** **Moderators:** Timothy D. Henry, Thomas D. Stuckey
1:00 PM	**Case #5: Cardiogenic Shock in STEMI - My Worst Case (Everything You Are Not Supposed to Do) (With Discussion)** **Case Presenter:** Christian M. Spaulding
1:13 PM	**Moderator Summation** **Moderators:** Timothy D. Henry, Thomas D. Stuckey
1:15 PM	**Case #6: Escalation of Mechanical Circulatory Support Devices in Cardiogenic Shock (With Discussion)** **Case Presenter:** Sandeep Nathan
1:28 PM	**Moderator Summation** **Moderators:** Timothy D. Henry, Thomas D. Stuckey
1:30 PM	**Case #7: Biventricular Failure Requiring Biventricular Support Devices (With Discussion)** **Case Presenter:** Akshay Khandelwal
1:43 PM	**Moderator Summation** **Moderators:** Timothy D. Henry, Thomas D. Stuckey
1:45 PM	**Case #8: Cardiogenic Shock, Cardiac Arrest, and Hypothermia (With Discussion)** **Case Presenter:** Timothy D. Henry
1:58 PM	**Moderator Summation** **Moderators:** Timothy D. Henry, Thomas D. Stuckey

Learn the Technique (Case Reviews): Below the Knee Access and Intervention

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 601, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM	**Below the Knee Access and Intervention** **Moderators:** Robert A. Lookstein, Jihad A. Mustapha **Discussants:** Ehrin J. Armstrong, Eric J. Dippel, Bryan T. Fisher, Arthur C. Lee, Mehdi H. Shishehbor, Peter A. Soukas

12:00 PM	**Case #1: How to Obtain Transmetatarsal Access (With Discussion)** **Case Presenter:** Arthur C. Lee
12:13 PM	**Moderator Summation** **Moderator:** Jihad A. Mustapha
12:15 PM	**Case #2: High Tibial Retrograde Access (With Discussion)** **Case Presenter:** Subhash Banerjee
12:28 PM	**Moderator Summation** **Moderator:** Jihad A. Mustapha
12:30 PM	**Case #3: CTO Wire Escalation Strategy for Antegrade Crossing of a Difficult Tibial CTO (With Discussion)** **Case Presenter:** Peter A. Soukas
12:43 PM	**Moderator Summation** **Moderator:** Jihad A. Mustapha
12:45 PM	**Case #4: Balloon-Assisted Re-entry in a Complex Tibial CTO (With Discussion)** **Case Presenter:** Mehdi H. Shishehbor
12:58 PM	**Moderator Summation** **Moderator:** Jihad A. Mustapha
1:00 PM	**Case #5: When and How to Perform Pedal Loop Angioplasty (With Discussion)** **Case Presenter:** Bryan T. Fisher
1:13 PM	**Moderator Summation** **Moderator:** Jihad A. Mustapha
1:15 PM	**Case #6: Infrapopliteal Scaffold After Dissection From Balloon Angioplasty (With Discussion)** **Case Presenter:** Ehrin J. Armstrong
1:28 PM	**Moderator Summation** **Moderators:** Robert A. Lookstein, Jihad A. Mustapha
1:30 PM	**Case #7: Application of the TAMI Technique (With Discussion)** **Case Presenter:** Jihad A. Mustapha
1:43 PM	**Moderator Summation** **Moderators:** Robert A. Lookstein, Jihad A. Mustapha
1:45 PM	**Case #8: How to Perform Bifurcation Stenting in the Tibial Arteries (With Discussion)** **Case Presenter:** Robert A. Lookstein
1:58 PM	**Moderator Summation** **Moderators:** Robert A. Lookstein, Jihad A. Mustapha

Learn the Technique (Case Reviews): Complex Adult Congenital Intervention

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 503, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM	**Complex Adult Congenital Intervention** **Moderators:** Lee N. Benson, Frank F. Ing **Discussants:** Zahid Amin, Matthew A Crystal, Makram R. Ebeid, Henri Justino, Mark Osten

12:00 PM	**Case #1: Coarctation of the Aorta: Tips, Tricks, and Pitfalls (With Discussion)** **Case Presenter:** Lee N. Benson
12:13 PM	**Moderator Summation** **Moderators:** Lee N. Benson, Frank F. Ing
12:15 PM	**Case #2: Venous Recannulation (With Discussion)** **Case Presenter:** Frank F. Ing
12:28 PM	**Moderator Summation** **Moderators:** Lee N. Benson, Frank F. Ing
12:30 PM	**Case #3: Perivalvular Leaks (With Discussion)**
12:43 PM	**Moderator Summation** **Moderators:** Lee N. Benson, Frank F. Ing
12:45 PM	**Case #4: Trans-septal Entry Through Fontan and Mustard Baffles (With Discussion)** **Case Presenter:** Mark Osten
12:58 PM	**Moderator Summation** **Moderators:** Lee N. Benson, Frank F. Ing
1:00 PM	**Case #5: PDA Closure in Adults (With Discussion)** **Case Presenter:** Henri Justino
1:13 PM	**Moderator Summation** **Moderators:** Lee N. Benson, Frank F. Ing
1:15 PM	**Case #6: Complex Vascular Access - The Transhepatic Approach (With Discussion)** **Case Presenter:** Makram R. Ebeid
1:28 PM	**Moderator Summation** **Moderators:** Lee N. Benson, Frank F. Ing
1:30 PM	**Case #7: Coronary Artery Fistula Closure (With Discussion)** **Case Presenter:** Matthew A Crystal
1:43 PM	**Moderator Summation** **Moderators:** Lee N. Benson, Frank F. Ing
1:45 PM	**Case #8: Pulmonary Artery Stenting - The Basics (With Discussion)** **Case Presenter:** Zahid Amin
1:58 PM	**Moderator Summation** **Moderators:** Lee N. Benson, Frank F. Ing

Learn the Technique (Case Reviews): CTO Antegrade and Retrograde Re-entry Techniques

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 501, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM	**CTO Antegrade and Retrograde Re-entry Techniques** **Moderators:** J. Aaron Grantham, Masahiko Ochiai **Discussants:** Salman A. Arain, Alfredo R. Galassi, Scott Harding, Paul Knaapen, Hisayuki Okada, Stéphane Rinfret, Makoto Sekiguchi, Anthony J Spaedy

12:00 PM	**Case #1: Classic Antegrade Dissection and Re-entry (With Discussion)** **Case Presenter:** Anthony J Spaedy
12:13 PM	**Moderator Summation** **Moderators:** J. Aaron Grantham, Masahiko Ochiai
12:15 PM	**Case #2: Investment Procedure As a Bailout Strategy (With Discussion)** **Case Presenter:** Salman A. Arain
12:28 PM	**Moderator Summation** **Moderators:** J. Aaron Grantham, Masahiko Ochiai
12:30 PM	**Case #3: Alternatives to Antegrade Dissection and Re-entry (Ministar, Star, LAST, or Other) (With Discussion)** **Case Presenter:** Alfredo R. Galassi
12:43 PM	**Moderator Summation** **Moderators:** J. Aaron Grantham, Masahiko Ochiai
12:45 PM	**Case #4 High-end Antegrade Dissection and Reentry (With Discussion)** **Case Presenter:** Paul Knaapen
12:58 PM	**Moderator Summation** **Moderators:** J. Aaron Grantham, Masahiko Ochiai
1:00 PM	**Case #5: Classic Reverse CART (With Discussion)** **Case Presenter:** Scott Harding
1:13 PM	**Moderator Summation** **Moderators:** J. Aaron Grantham, Masahiko Ochiai
1:15 PM	**Case #6: Difficult Reverse CART Solutions (With Discussion)** **Case Presenter:** Makoto Sekiguchi
1:28 PM	**Moderator Summation** **Moderators:** J. Aaron Grantham, Masahiko Ochiai
1:30 PM	**Case #7: CART When and Why? (With Discussion)** **Case Presenter:** Hisayuki Okada
1:43 PM	**Moderator Summation** **Moderators:** J. Aaron Grantham, Masahiko Ochiai
1:45 PM	**Case #8: Using SVGs Retrograde for CTO PCI (With Discussion)** **Case Presenter:** Stéphane Rinfret
1:58 PM	**Moderator Summation** **Moderators:** J. Aaron Grantham, Masahiko Ochiai

Learn the Technique (Case Reviews): Interventional “Rich Emotional Experiences” (AKA Complications)

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 605, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM	**Interventional “Rich Emotional Experiences” (AKA Complications)”** **Moderators:** Mauricio G. Cohen, Simon R. Dixon **Discussants:** Krzysztof Bartus, David Daniels, Nabil Dib, Evgeny V. Merkulov, William W. O'Neill, Matthew J. Price, Molly Szerlip

12:00 PM	**Case #1: A Groin Catastrophe (With Discussion)** **Case Presenter:** Molly Szerlip
12:13 PM	**Moderator Summation** **Moderators:** Mauricio G. Cohen, Simon R. Dixon
12:15 PM	**Case #2: A Radial Nightmare (With Discussion)** **Case Presenter:** Mladen I. Vidovich
12:28 PM	**Moderator Summation** **Moderators:** Mauricio G. Cohen, Simon R. Dixon
12:30 PM	**Case #3: A TAVR Gone Wrong (With Discussion)** **Case Presenter:** Mauricio G. Cohen
12:43 PM	**Moderator Summation** **Moderators:** Mauricio G. Cohen, Simon R. Dixon
12:45 PM	**Case #4: Transcatheter Mitral Valve Repair - Grasping the Ungraspable (With Discussion)** **Case Presenter:** Matthew J. Price
12:58 PM	**Moderator Summation** **Moderators:** Mauricio G. Cohen, Simon R. Dixon
1:00 PM	**Case #5: Tamponade in the Post-CABG Patient (With Discussion)** **Case Presenter:** David Daniels
1:13 PM	**Moderator Summation** **Moderators:** Mauricio G. Cohen, Simon R. Dixon
1:15 PM	**Case #6: LAA Closure - Device Embolization (With Discussion)** **Case Presenter:** Krzysztof Bartus
1:28 PM	**Moderator Summation** **Moderators:** Mauricio G. Cohen, Simon R. Dixon
1:30 PM	**Case #7: A Vile Peripheral Vascular Complication (With Discussion)** **Case Presenter:** Mazen Abu-Fadel
1:43 PM	**Moderator Summation** **Moderators:** Mauricio G. Cohen, Simon R. Dixon
1:45 PM	**Case #8: My Best Save of My Worst Complication! (With Discussion)** **Case Presenter:** Tiberio Frisoli,MD
1:58 PM	**Moderator Summation** **Moderators:** Mauricio G. Cohen, Simon R. Dixon

Learn the Technique (Case Reviews): LAA Occlusion Tips and Tricks

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 502, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM	**LAA Occlusion Tips and Tricks** **Moderators:** Maurice Buchbinder, Hüseyin Ince **Discussants:** Shephal Doshi, Reda Ibrahim, DJ Lakkireddy, Ramon Quesada, Eleftherios Sideris, Apostolos Tzikas

12:00 PM	**Preprocedural Imaging With TEE and CTA to Plan LAA Occlusion (With Discussion)** **Case Presenter:** Ramon Quesada
12:13 PM	**Moderator Summation** **Moderators:** Maurice Buchbinder, Hüseyin Ince
12:15 PM	**Anatomic Exclusions for Percutaneous LAA Occlusion (With Discussion)** **Case Presenter:** Reda Ibrahim
12:28 PM	**Moderator Summation** **Moderators:** Maurice Buchbinder, Hüseyin Ince
12:30 PM	**Trans-septal Puncture for LAA Occlusion: Is It Always Inferoposterior? (With Discussion)** **Case Presenter:** Jason H. Rogers
12:43 PM	**Moderator Summation** **Moderators:** Maurice Buchbinder, Hüseyin Ince
12:45 PM	**Procedural TEE and ICE to Guide LAA Occlusion Step-by-step (With Discussion)** **Case Presenter:** Jens Erik Nielsen-Kudsk
12:58 PM	**Moderator Summation** **Moderators:** Maurice Buchbinder, Hüseyin Ince
1:00 PM	**Procedural Techniques for Endovascular LAA Occlusion: Watchman Step-by-step (With Discussion)** **Case Presenter:** Stephan Kische
1:13 PM	**Moderator Summation** **Moderators:** Maurice Buchbinder, Hüseyin Ince
1:15 PM	**Procedural Techniques for Endovascular LAA Occlusion: Amulet Step-by-step (With Discussion)** **Case Presenter:** Apostolos Tzikas
1:28 PM	**Moderator Summation** **Moderators:** Maurice Buchbinder, Hüseyin Ince
1:30 PM	**Transpericardial Access and Lariat LAA Occlusion Step-by-Step (With Discussion)** **Case Presenter:** DJ Lakkireddy
1:43 PM	**Moderator Summation** **Moderators:** Maurice Buchbinder, Hüseyin Ince
1:45 PM	**Management of Acute Complications From LAA Occlusion, Including Cardiac Perforation and Device Embolization (With Discussion)** **Case Presenter:** Shephal Doshi
1:58 PM	**Moderator Summation** **Moderators:** Maurice Buchbinder, Hüseyin Ince

Learn the Technique (Case Reviews): Left Main and Bifurcation Interventions

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Mile High Ballroom 4A-4B, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM

Left Main and Bifurcation Interventions

Moderators: Bernard R. Chevalier, Leif Thuesen
Discussants: Andrejs Erglis, Timo H Mäkikallio, Afzalur Rahman, Bernhard Reimers, Kursat Tigen, Carlos E. Uribe

12:00 PM	**Case #1: A Bifurcation Lesion With a Tight Ostial Side Branch Stenosis - To Predilate or Not? (With Discussion)** **Case Presenter:** Yuejin Yang
12:10 PM	**Moderator Summation** **Moderators:** Bernard R. Chevalier, Leif Thuesen
12:12 PM	**Case #2: The Proximal Optimization Technique - Pearls and Pitfalls (With Discussion)** **Case Presenter:** Massoud A. Leesar
12:22 PM	**Moderator Summation** **Moderators:** Bernard R. Chevalier, Leif Thuesen
12:24 PM	**Case #3: A Side Branch Occlusion After Main Vessel Stenting - A Solution to Recross the Struts (With Discussion)** **Case Presenter:** Yves R. Louvard
12:34 PM	**Moderator Summation** **Moderators:** Bernard R. Chevalier, Leif Thuesen
12:36 PM	**Case #4: A 50% Stenosis at the Side Branch Ostium After Provisional Stenting - Balloon, Stent, or Nothing? (With Discussion)** **Case Presenter:** Hyeon-Cheol Gwon
12:46 PM	**Moderator Summation** **Moderators:** Bernard R. Chevalier, Leif Thuesen
12:48 PM	**Case #5: A Complex Medina 111 Bicurcation Treated With a Culotte Technique (With Discussion)** **Case Presenter:** Goran Stankovic
12:58 PM	**Moderator Summation** **Moderators:** Bernard R. Chevalier, Leif Thuesen
1:00 PM	**Case #6: A Complex Medina 111 Bicurcation Treated With a TAP Technique (With Discussion)** **Case Presenter:** Maciej Lesiak
1:10 PM	**Moderator Summation** **Moderators:** Bernard R. Chevalier, Leif Thuesen

1:12 PM	**Case #7: A Complex Medina 111 Bicurcation Treated With a DK Crush Technique (With Discussion)** **Case Presenter:** Lars Jakobsen
1:22 PM	**Moderator Summation** **Moderators:** Bernard R. Chevalier, Leif Thuesen
1:24 PM	**Case #8: Treatment of a Medina 001 Ostial LCX Stenosis (With Discussion)** **Case Presenter:** Francesco Burzotta
1:34 PM	**Moderator Summation** **Moderators:** Bernard R. Chevalier, Leif Thuesen
1:36 PM	**Case #9: A Complex Medina 111 Distal Left Main Bicurcation Treated With a Single Stent (With Discussion)** **Case Presenter:** Indulis Kumsars
1:46 PM	**Moderator Summation** **Moderators:** Bernard R. Chevalier, Leif Thuesen
1:48 PM	**Case #10: Treatment of a Distal Left Main Trifurcation With Three Large Side Branches (With Discussion)** **Case Presenter:** Vinay K. Bahl
1:58 PM	**Moderator Summation** **Moderators:** Bernard R. Chevalier, Leif Thuesen

Learn the Technique (Case Reviews): MitraClip Technique, Mitral Valvuloplasty, and Paravalvular Leak Closure

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 709/711, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM	**Session I. MitraClip Technique, Mitral Valvuloplasty, and Paravalvular Leak Closure** **Moderators:** Saibal Kar, Scott Lim **Discussants:** Ted Feldman, Eulogio J. Garcia, Paul A. Grayburn, Brij Maini, Francesco Maisano, Ashish Pershad
12:00 PM	**Case #1: Image Guidance Is Essential During MitraClip Treatment of Degenerative MR (With Discussion)** **Case Presenter:** Moody M Makar
12:10 PM	**Moderator Summation** **Moderators:** Saibal Kar, Scott Lim

12:12 PM	**Case #2: MitraClip in a Patient With Complex Degenerative MR (With Discussion)** **Case Presenter:** Francesco Maisano
12:22 PM	**Moderator Summation** **Moderators:** Saibal Kar, Scott Lim
12:24 PM	**Case #3: MitraClip in a Patient With End-stage Heart Failure and Severe Functional MR (With Discussion)** **Case Presenter:** Olaf Franzen
12:34 PM	**Moderator Summation** **Moderators:** Saibal Kar, Scott Lim
12:36 PM	**Case #4: MitraClip Following Failed Surgical Repair (With Discussion)** **Case Presenter:** Saibal Kar
12:46 PM	**Moderator Summation** **Moderators:** Saibal Kar, Scott Lim
12:48 PM	**Case #4: A Potential MitraClip Complication Recognized and Prevented (With Discussion)** **Case Presenter:** Michael J. Rinaldi
12:58 PM	**Moderator Summation** **Moderators:** Saibal Kar, Scott Lim
1:00 PM	**Case #6: A MitraClip Complication Recognized and Treated (With Discussion)** **Case Presenter:** Itshac Itsik Ben-dor
1:10 PM	**Moderator Summation** **Moderators:** Saibal Kar, Scott Lim
1:12 PM	**Case #7: Transcatheter Mitral Commissurotomy - Step-by-step (With Discussion)** **Case Presenter:** Igor F. Palacios
1:22 PM	**Moderator Summation** **Moderators:** Saibal Kar, Scott Lim
1:24 PM	**Case #8: Trans-septal Approach to Paravalvular Leak Closure - Step-by-step (With Discussion)** **Case Presenter:** Eulogio J. Garcia
1:34 PM	**Moderator Summation** **Moderators:** Saibal Kar, Scott Lim
1:36 PM	**Case #9: Retrograde Technique of Paravalvular Leak Closure: Step-by-step (With Discussion)** **Case Presenter:** Chad Kliger
1:46 PM	**Moderator Summation** **Moderators:** Saibal Kar, Scott Lim
1:48 PM	**Case #10: A Complication From Paravalvular Leak Closure (With Discussion)** **Case Presenter:** Sameer Gafoor

1:58 PM	**Moderator Summation** **Moderators:** Saibal Kar, Scott Lim

Learn the Technique (Case Reviews): Nuts and Bolts of IVUS, OCT, and NIRS Imaging

Monday, October 30
12:00 PM - 2:00 PM
Cardiovascular Research Foundation
Room 705/707, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM — **Session I: Nuts and Bolts of IVUS, OCT, and NIRS Imaging**

Moderators: David Erlinge, Niels R. Holm
Discussants: Jose de Ribamar Costa Jr, Ulf Landmesser, Ryan D. Madder, Gary S. Mintz, Francesco Prati, Evelyn S. Regar

12:00 PM	**Case #1: Stent Sizing, Lesion Length Determination and Optimization by IVUS (With Discussion)** **Case Presenter:** Azeem Latib
12:13 PM	**Moderator Summation** **Moderators:** David Erlinge, Niels R. Holm
12:15 PM	**Case #2: Stent Sizing, Lesion Length Determination and Optimization by OCT (With Discussion)** **Case Presenter:** Ulf Landmesser
12:28 PM	**Moderator Summation** **Moderators:** David Erlinge, Niels R. Holm
12:30 PM	**Case #3: IVUS Changed My Strategy of Left Main Stenting (With Discussion)** **Case Presenter:** Ioannis Iakovou
12:43 PM	**Moderator Summation** **Moderators:** David Erlinge, Niels R. Holm
12:45 PM	**Case #4: OCT Changed My Strategy of Calcified Lesion Stenting (With Discussion)** **Case Presenter:** Jonathan M. Hill
12:58 PM	**Moderator Summation** **Moderators:** David Erlinge, Niels R. Holm
1:00 PM	**Case #5: An Interesting Spontaneous Coronary Dissection Visualized by OCT (With Discussion)** **Case Presenter:** Jacqueline Saw

1:13 PM	**Moderator Summation** **Moderators:** David Erlinge, Niels R. Holm
1:15 PM	**Case #6: Progression of "Vulnerable Plaque" by NIRS-IVUS: Should I Have Treated It? (With Discussion)** **Case Presenter:** Ryan D. Madder
1:28 PM	**Moderator Summation** **Moderators:** David Erlinge, Niels R. Holm
1:30 PM	**Case #7: PCI Induced Intramural Hematoma Visualized by IVUS (With Discussion)** **Case Presenter:** Itshac Itsik Ben-dor
1:43 PM	**Moderator Summation** **Moderators:** David Erlinge, Niels R. Holm
1:45 PM	**Case #8: Unexpected Stent Failure Visualized by OCT (With Discussion)** **Case Presenter:** Evelyn S. Regar
1:58 PM	**Moderator Summation** **Moderators:** David Erlinge, Niels R. Holm

Learn the Technique (Case Reviews): PCI in High-Risk Patients and Complex Lesions

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 504, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM	**PCI in High-Risk Patients and Complex Lesions** **Moderators:** Philippe Genereux, Simon J. Walsh **Discussants:** Jeff Chambers, Michael J. Cowley, Issam D. Moussa, Jamil Abdalla Saad, Richard A. Schatz

12:00 PM	**Case Presentations: Extremely Calcified Lesions - Rotablation, Orbital Atherectomy, or Neither? (With Discussion)** **Case Presenter:** Richard Shlofmitz
12:12 PM	**Case Presentations: Balloon Uncrossable Lesions (With Discussion)** **Case Presenter:** Minh N. Vo
12:24 PM	**Moderator Summation** **Moderators:** Philippe Genereux, Simon J. Walsh
12:27 PM	**Case Presentations: Degenerated Saphenous Vein Grafts (With Discussion)** **Case Presenter:** Mazen Abu-Fadel
12:39 PM	**Case Presentations: Complex Two-Stent Bifurcations (With Discussion)** **Case Presenter:** Manuel Pan
12:51 PM	**Moderator Summation** **Moderators:** Philippe Genereux, Simon J. Walsh
12:54 PM	**Case Presentations: Giant and Refractory Thrombus (With Discussion)** **Case Presenter:** Ernest L. Mazzaferri, Jr.
1:06 PM	**Case Presentations: Routine and Provisional Hemodynamic Support in High-risk and/or Complex PCI (With Discussion)** **Case Presenter:** Subhash Banerjee
1:18 PM	**Moderator Summation** **Moderators:** Philippe Genereux, Simon J. Walsh
1:21 PM	**Case Presentations: Antegrade Approaches to Chronic Total Occlusion – Focus on Dissection Re-entry Technique (With Discussion)** **Case Presenter:** Emmanouil S. Brilakis
1:33 PM	**Case Presentations: Retrograde Approaches to Chronic Total Occlusions (With Discussion)** **Case Presenter:** Michael Luna
1:45 PM	**Moderator Summation** **Moderators:** Philippe Genereux, Simon J. Walsh
1:48 PM	**Special Lecture: Treatment of Refractory Angina - Reducer-1 European Registry and US Approval Trial (With Discussion)** Stefan Verheye
1:58 PM	**Moderator Summation** **Moderators:** Philippe Genereux, Simon J. Walsh

Learn the Technique (Case Reviews): Physiologic Guidance - FFR, iFR, and CFR

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 708/710, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM	**Physiologic Guidance - FFR, iFR, and CFR** **Moderators:** Justin E. Davies, Nils Johnson **Discussants:** Olivier F. Bertrand, Matthias Götberg, Nikolaos Kakouros, Joo Myung Lee, Sukhjinder S Nijjer, Tim P. van de Hoef

12:00 PM	**In This Case: Careful Inspection of the Pressure Tracing Found an Artifact (With Discussion)** **Case Presenter:** Nils Johnson
12:13 PM	**Moderator Summation** **Moderators:** Justin E. Davies, Nils Johnson
12:15 PM	**In This Case: Differentiation of Diffuse and Focal Disease Using Coronary Physiology (With Discussion)** **Case Presenter:** Allen Jeremias
12:28 PM	**Moderator Summation** **Moderators:** Justin E. Davies, Nils Johnson
12:30 PM	**In This Case: FFR After PCI Uncovered a Major Issue (With Discussion)** **Case Presenter:** Olivier F. Bertrand
12:43 PM	**Moderator Summation** **Moderators:** Justin E. Davies, Nils Johnson
12:45 PM	**In This Case: iFR/FFR in Assessment of ACS Culprit and Nonculprit Stenoses (With Discussion)** **Case Presenter:** Matthias Götberg
12:58 PM	**Moderator Summation** **Moderators:** Justin E. Davies, Nils Johnson
1:00 PM	**In This Case: CFR/IMR Using Thermodilution Predicted Prognosis (With Discussion)** **Case Presenter:** Joo Myung Lee
1:13 PM	**Moderator Summation** **Moderators:** Justin E. Davies, Nils Johnson
1:15 PM	**In This Case: FFR in an Angiographically Mild Vessel Revealed a Surprise (With Discussion)** **Case Presenter:** Nikolaos Kakouros
1:28 PM	**Moderator Summation** **Moderators:** Justin E. Davies, Nils Johnson
1:30 PM	**In This Case: Multimodality Physiology and Imaging Coregistration (With Discussion)** **Case Presenter:** Sukhjinder S Nijjer
1:43 PM	**Moderator Summation** **Moderators:** Justin E. Davies, Nils Johnson
1:45 PM	**In This Case: Doppler-Based CFR Uncovered Discordance With FFR (With Discussion)** **Case Presenter:** Tim P. van de Hoef
1:58 PM	**Moderator Summation** **Moderators:** Justin E. Davies, Nils Johnson

Learn the Technique (Case Reviews): Procedural Optimization of Bioresorbable Vascular Scaffolds

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 505, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM

Session I: Procedural Optimization of Bioresorbable Vascular Scaffolds

Moderators: Stephan Achenbach, Salvatore Brugaletta
Discussants: Rajiv Ananthakrishna, Daniel Chamie, Antonio Colombo, Alessio G La Manna, Javier Suárez de Lezo, Petr Tousek

12:00 PM	**Case #1: How to Implant Bioresorbable Scaffolds in STEMI (With Discussion)** **Case Presenter:** Petr Tousek
12:13 PM	**Moderator Summation** **Moderators:** Stephan Achenbach, Salvatore Brugaletta
12:15 PM	**Case #2: How to Implant Bioresorbable Scaffolds in Bifurcation Lesions (With Discussion)** **Case Presenter:** Javier Suárez de Lezo
12:28 PM	**Moderator Summation** **Moderators:** Stephan Achenbach, Salvatore Brugaletta
12:30 PM	**Case #3: How to Implant Bioresorbable Scaffolds in CTO (With Discussion)** **Case Presenter:** Alessio G La Manna
12:43 PM	**Moderator Summation** **Moderators:** Stephan Achenbach, Salvatore Brugaletta
12:45 PM	**Case #4: How to Use Imaging During Bioresorbable Scaffold Implantation (With Discussion)** **Case Presenter:** Daniel Chamie
12:58 PM	**Moderator Summation** **Moderators:** Stephan Achenbach, Salvatore Brugaletta
1:00 PM	**Case #5: How to Implant Bioresorbable Scaffolds in Calcified Lesions (With Discussion)** **Case Presenter:** Antonio Colombo
1:13 PM	**Moderator Summation** **Moderators:** Stephan Achenbach, Salvatore Brugaletta
1:15 PM	**Case #6: How to Implant Bioresorbable Scaffolds in Diffuse Disease (With Discussion)** **Case Presenter:** Salvatore Brugaletta
1:28 PM	**Moderator Summation** **Moderators:** Stephan Achenbach, Salvatore Brugaletta

	1:30 PM	**Case #7: Malapposition in a Bioresorbable Scaffold - Identification and the Decision Whether to Treat (With Discussion)** **Case Presenter:** Stephan Achenbach
	1:43 PM	**Moderator Summation** **Moderators:** Stephan Achenbach, Salvatore Brugaletta
	1:45 PM	**Case #8: Bioresorbable Scaffold Implantation in Left Main Coronary Artery - Feasibility and Wisdom (With Discussion)** **Case Presenter:** Rajiv Ananthakrishna
	1:58 PM	**Moderator Summation** **Moderators:** Stephan Achenbach, Salvatore Brugaletta

Learn the Technique (Case Reviews): TAVR ViV, ViR, ViMAC

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 607, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 12:30 PM		**Session I. TAVR Valve-in-Valve (ViV)** **Moderators:** Mayra Guerrero, Nicolas M. Van Mieghem **Discussants:** Saif Anwaruddin, Albert Markus Kasel, Neal S. Kleiman, Ruby Satpathy, Gilbert H.L. Tang, Hendrik Treede
	12:00 PM	**Case #1: Transcatheter Laceration of Aortic Leaflets to Prevent Coronary Obstruction During Transcatheter Aortic Valve Implantation: Concept to First-in-Human BASILICA Procedures (With Discussion)** **Case Presenter:** Danny Dvir
	12:13 PM	**Moderator Summation** **Moderators:** Mayra Guerrero, Nicolas M. Van Mieghem
	12:15 PM	**Case #2: TAVR ViV With SAPIEN 3 (With Discussion)** **Case Presenter:** Anupama Shivaraju
	12:28 PM	**Moderator Summation** **Moderators:** Mayra Guerrero, Nicolas M. Van Mieghem
12:30 PM - 1:00 PM		**Session II. Mitral Valve-in-Valve (ViV)** **Moderators:** Mayra Guerrero, Nicolas M. Van Mieghem **Discussants:** Saif Anwaruddin, Albert Markus Kasel, Neal S. Kleiman, Ruby Satpathy, Gilbert H.L. Tang, Hendrik Treede

	12:30 PM	**Case #3: Transapical Mitral ViV With Lotus (With Discussion)** **Case Presenter:** Vinayak Bapat
	12:43 PM	**Moderator Summation** **Moderators:** Mayra Guerrero, Nicolas M. Van Mieghem
	12:45 PM	**Case #4: Trans-septal Mitral ViV With SAPIEN 3 (With Discussion)** **Case Presenter:** Mackram F. Eleid
	12:58 PM	**Moderator Summation** **Moderators:** Mayra Guerrero, Nicolas M. Van Mieghem
1:00 PM - 1:30 PM	**Session III. Mitral Valve-in-Ring (ViR)** **Moderators:** Mayra Guerrero, Nicolas M. Van Mieghem **Discussants:** Saif Anwaruddin, Albert Markus Kasel, Neal S. Kleiman, Ruby Satpathy, Gilbert H.L. Tang, Hendrik Treede	
	1:00 PM	**Case #5: Trans-septal Mitral ViR (With Discussion)** **Case Presenter:** Isaac George
	1:13 PM	**Moderator Summation** **Moderators:** Mayra Guerrero, Nicolas M. Van Mieghem
	1:15 PM	**Case #6: LAMPOON-Facilitated Trans-septal Mitral ViR (With Discussion)** **Case Presenter:** Adam B. Greenbaum
	1:28 PM	**Moderator Summation** **Moderators:** Mayra Guerrero, Nicolas M. Van Mieghem
1:30 PM - 2:00 PM	**Session IV. Mitral Valve-in-Mitral Annular Calcification (ViMAC)** **Moderators:** Mayra Guerrero, Nicolas M. Van Mieghem **Discussants:** Saif Anwaruddin, Albert Markus Kasel, Neal S. Kleiman, Ruby Satpathy, Gilbert H.L. Tang, Hendrik Treede	
	1:30 PM	**Case #7: Transapical Mitral ViMAC With Lotus (With Discussion)** **Case Presenter:** Christopher U. Meduri
	1:43 PM	**Moderator Summation** **Moderators:** Mayra Guerrero, Nicolas M. Van Mieghem
	1:45 PM	**Case #8: Transseptal Mitral ViMAC With SAPIEN 3 (With Discussion)** **Case Presenter:** Mayra Guerrero
	1:58 PM	**Moderator Summation** **Moderators:** Mayra Guerrero, Nicolas M. Van Mieghem

Learn the Technique (Case Reviews): Transradial Access Complications

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 506-507, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM	**Transradial Access Complications** **Moderators:** James Nolan, Christopher Pyne **Discussants:** Warren J. Cantor, Ian C. Gilchrist, Mamas Mamas, Jordan Safirstein, Adhir Shroff, Anuradha Tunuguntla

12:00 PM	**CASE #1: Hypotension After Radial Artery Access (With Discussion)** **Case Presenter:** Adrian P. Banning
12:15 PM	**Moderator Summation** **Moderators:** James Nolan, Christopher Pyne
12:17 PM	**CASE #2: A Cold Extremity After Radial Artery Access (With Discussion)** **Case Presenter:** Zoltan Ruzsa
12:32 PM	**Moderator Summation** **Moderators:** James Nolan, Christopher Pyne
12:34 PM	**CASE #3: A Fractured Catheter With Snare Retrieval (With Discussion)** **Case Presenter:** Pinak B. Shah
12:49 PM	**Moderator Summation** **Moderators:** James Nolan, Christopher Pyne
12:51 PM	**CASE #4: Asymptomatic Atherosclerotic Obstruction in the Brachial Artery (With Discussion)** **Case Presenter:** Paul Gordon
1:06 PM	**Moderator Summation** **Moderators:** James Nolan, Christopher Pyne
1:08 PM	**CASE #5: Rupture of a Brachial Artery (With Discussion)** **Case Presenter:** Andrea Pacchioni
1:23 PM	**Moderator Summation** **Moderators:** James Nolan, Christopher Pyne
1:25 PM	**CASE #6: A Large Hematoma After Radial Artery Access (With Discussion)** **Case Presenter:** Rajiv Gulati
1:40 PM	**Moderator Summation** **Moderators:** James Nolan, Christopher Pyne
1:42 PM	**CASE #7: Severe Swelling and Pain After Radial Artery Access (With Discussion)** Samir B. Pancholy
1:57 PM	**Moderator Summation** **Moderators:** James Nolan, Christopher Pyne

Learn the Technique (Case Reviews): Venous Disease and Ablation

Monday, October 30
12:00 PM - 2:00 PM
Colorado Convention Center
Room 603, Meeting Room Level

Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 1:00 PM	**Session I. Deep Venous Disease** **Moderator:** Mahmood K. Razavi **Discussants:** Teresa L. Carman, Anthony J. Comerota, Brian G. DeRubertis, Sanjiv Lakhanpal	
	12:00 PM	**Case #1: Chronic IVC Filter Occlusion - Aggressive Retrieval Techniques vs Recanalization (With Discussion)** **Case Presenter:** Brian G. DeRubertis
	12:13 PM	**Moderator Summation** **Moderator:** Mahmood K. Razavi
	12:15 PM	**Case #2: How I Treat Femoral Vein Occlusions (With Discussion)** **Case Presenter:** Sanjiv Lakhanpal
	12:28 PM	**Moderator Summation** **Moderator:** Mahmood K. Razavi
	12:30 PM	**Case #3: Management of SVC Occlusions (With Discussion)** **Case Presenter:** Robert A. Lookstein
	12:43 PM	**Moderator Summation** **Moderator:** Mahmood K. Razavi
	12:45 PM	**Case #4: Central Venous Stents: When, Which, and How (With Discussion)** **Case Presenter:** Mahmood K. Razavi
	12:58 PM	**Moderator Summation** **Moderator:** Mahmood K. Razavi
1:00 PM - 2:00 PM	**Session II. Superficial Venous Disease, Venous Ablation, and Pelvic Venous Disorders** **Moderators:** Brian G. DeRubertis, Mahmood K. Razavi **Discussants:** Teresa L. Carman, Anthony J. Comerota, Sanjiv Lakhanpal	

1:00 PM	**Case #5: Endothermal Venous Ablation - Step-by-step Approach (Avoiding Pitfalls) (With Discussion)** **Case Presenter:** Sanjiv Lakhanpal
1:13 PM	**Moderated Summation** **Moderators:** Brian G. DeRubertis, Mahmood K. Razavi
1:15 PM	**Case #6: Nonthermal Ablation of Superficial Axial Veins (With Discussion)** **Case Presenter:** Brian G. DeRubertis
1:28 PM	**Moderated Summation** **Moderators:** Brian G. DeRubertis, Mahmood K. Razavi
1:30 PM	**Case #7: Management of Pelvic Congestion Syndrome (With Discussion)** **Case Presenter:** Sanjiv Lakhanpal
1:43 PM	**Moderated Summation** **Moderators:** Brian G. DeRubertis, Mahmood K. Razavi
1:45 PM	**Case #8: Duplex Evaluation of Venous Reflux (With Discussion)** **Case Presenter:** Teresa L. Carman
1:58 PM	**Moderated Summation** **Moderators:** Brian G. DeRubertis, Mahmood K. Razavi

CardioVascular Professionals (CVP) Course: 26th Annual Cardiovascular Nurse and Technologist Symposium Part II - Main Sessions

Monday, October 30
8:00 AM - 5:00 PM
Colorado Convention Center
Room 301-303, Meeting Room Level
Accreditation: CNE/ASRT

8:00 AM - 8:05 AM	**Welcome/Introduction** **Moderator:** Marian C. Hawkey
8:05 AM - 9:50 AM	**Section I. Aortic Valve Disease** **Moderator:** Martina Kelly Speight **Discussants:** João L Cavalcante, Sarah Clarke, A. Pieter Kappetein, Patricia Keegan, Susheel K. Kodali, Sandra Lauck, Amy E. Simone

	8:05 AM	**TAVR Patient Journey I: Initial Evaluation** Patricia Keegan
	8:17 AM	**TAVR Patient Journey II: Imaging Assessment** João L Cavalcante
	8:29 AM	**TAVR Patient Journey III: Behind the Scenes** Sarah Clarke
	8:41 AM - 9:11 AM	**DEBATE: Bicuspid and tricuspid valve aortic stenosis indications for TAVR**
	9:11 AM	**TAVR Patient Journey IV: The Hospital Experience** Sandra Lauck
	9:23 AM	**TAVR Patient Journey V: Addressing Complications and Follow-up** Amy E. Simone
	9:35 AM	**Roundtable Discussion With Audience Q&A**

	8:41 AM	**We're ready to treat bicuspid valve and lower-risk tricuspid valve aortic stenosis!** Susheel K. Kodali
	8:51 AM	**TAVR should be reserved for intermediate and higher-risk tricuspid valve aortic stenosis!** A. Pieter Kappetein
	9:01 AM	**Rebuttal, Q&A** A. Pieter Kappetein, Susheel K. Kodali

9:50 AM - 10:20 AM

Session II. Mitral and Tricuspid Valve Disease

Moderator: Russell A. Brandwein
Discussants: Jessica Forman, Elizabeth M. Perpetua, Lindsay Thomas

	9:50 AM	**Mitral Valve Disease and TMV Repair and Replacement: Progress and Obstacles** Elizabeth M. Perpetua
	10:03 AM	**Tricuspid Valve Disease and TTV Repair and Replacement: Progress and Obstacles** Russell A. Brandwein
	10:13 AM	**Roundtable Discussion With Audience Q&A**

10:20 AM - 11:05 AM

Session III. Left Atrial Appendage Closure

Moderator: Russell A. Brandwein
Discussants: Jessica Forman, Lindsay Thomas

	10:20 AM	**LAA Closure I: From Referral to Consultation** Lindsay Thomas
	10:32 AM	**LAA Closure II: From Consultation to Procedure** Jessica Forman
	10:42 AM	**LAA Closure III: Postprocedure and Beyond** Russell A. Brandwein
	10:50 AM	**Roundtable Discussion With Audience Q&A**

11:05 AM - 11:35 AM

Session IV. Keynote Address

Moderator: Marian C. Hawkey
Discussants: Russell A. Brandwein, Martina Kelly Speight, Julie Logan, Kaylan Riley Sharp

	11:05 AM	**Clinical Research in the Cath Lab: Evolving Regulations and Implications for Patient Care** Tamim Nazif
	11:25 AM	**Roundtable Discussion With Audience Q&A**

11:35 AM - 12:15 PM

Lunch and Learn

	11:35 AM	**Lunch**
	12:00 PM	**Special Lunch Lecture: Radiation Safety in the Cath Lab - See Something, Say Something** Stephen Balter

12:15 PM - 1:50 PM

Session V. Peripheral Vascular Intervention 2017

Moderators: Michael Guiry, Julie Logan
Discussants: George L Adams, Herbert D. Aronow, Jessica Forman, William A. Gray, D. Christopher Metzger, Krishna J. Rocha-Singh, Laurie Z. Ventura, Craig M. Walker

	12:15 PM	**Evaluating the Peripheral Vascular Disease Patient and Risks for Long-term Mortality** Jessica Forman
	12:25 PM	**The Alphabet of Peripheral Vascular Devices: BMS, DES, PTFE, BVS, and Future Scaffolds** Julie Logan
	12:35 PM	**Between a Rock and a Hard Place: Treating Calcific Disease in the Lower Extremities (With Case Examples)** Krishna J. Rocha-Singh
	12:47 PM	**Drug-Coated Balloons in the Lower Extremity: Impact and Lessons Learned** Craig M. Walker
	1:02 PM - 1:25 PM	**Debate: How Should SFA Disease be Treated?**

	1:02 PM	**Debate: How should SFA Disease be Treated? In most cases DES!** Philip Green
	1:10 PM	**Debate: How should SFA Disease be Treated? In most cases DCB (± BMS)** D. Christopher Metzger
	1:18 PM	**Rebuttal & Discussion** Philip Green, D. Christopher Metzger

	1:25 PM	**SFA Dissections: Implications and Management** William A. Gray
	1:35 PM	**Case Presentation: Management of a Major SFA Dissection** **Case Presenter:** Herbert D. Aronow
	1:43 PM	**Roundtable Discussion With Audience Q&A**

1:50 PM - 2:30 PM	**Session VI. PCI 1: Complex and High-Risk Procedures (CHIP)** **Moderator:** Thomas H. Maloney **Discussants:** Justine Alexander, Emmanouil S. Brilakis, Rajesh M. Dave, Lauren Morris, Sheila Sahni, Jonathan Sherman, Bernhard Witzenbichler

	1:50 PM	**Planning CHIP Procedures: How Do We Prepare As a Team? The List of Must-Haves** Lauren Morris
	2:00 PM	**Keynote Lecture: Hemodynamic Support in CHIP - Which Device, in Whom, and When?** Emmanouil S. Brilakis
	2:15 PM	**A CHIP Case Presentation** **Case Presenters:** Justine Alexander, Sheila Sahni
	2:22 PM	**Roundtable Discussion With Audience Q&A**

2:30 PM - 3:20 PM

Session VII. PCI 2: STEMI/ACS - State-of-the-Art

Moderator: Thomas H. Maloney
Discussants: Jaya Chandrasekhar, C. Michael Gibson, Connie N. Hess, Anna Mall, Kaylan Riley Sharp

	2:30 PM	**What Is the Next Quality Indicator to Improve Outcomes in STEMI?** Connie N. Hess
	2:40 PM	**Case Presentation Introduction: STEMI/ACS** **Case Presenter:** Jaya Chandrasekhar
	2:45 PM	**Roundtable Discussion With Audience Q&A**
	2:53 PM	**Case Resolution: STEMI/ACS** **Case Presenter:** Jaya Chandrasekhar
	2:55 PM	**Atrial Fibrillation and PCI/ACS: NOACs, Dual Therapy, and Triple Therapy** C. Michael Gibson
	3:05 PM	**Roundtable Discussion With Audience Q&A**

3:20 PM - 4:00 PM

Session VIII. PCI 3: Left Main PCI vs CABG

Moderator: Regina Deible
Discussants: Anthony H. Gershlick, Robert A. Guyton, Thomas H. Maloney, Margaret B. McEntegart, Paul S. Teirstein

	3:20 PM - 3:40 PM	**Debate: Has Left Main PCI Bypassed CABG?**
		3:20 PM — **PCI is Now the Preferred Option for Left Main Coronary Artery Disease!** Anthony H. Gershlick
		3:30 PM — **CABG Remains the Gold Standard for Left Main Coronary Artery Disease!** Robert A. Guyton
	3:40 PM	**Left Main PCI Tips and Tricks, With Case Examples** **Case Presenter:** Margaret B. McEntegart
	3:50 PM	**Roundtable Discussion With Audience Q&A**
4:00 PM - 4:30 PM	**Session IX. PCI 4: Intravascular Imaging vs FFR Point-Counterpoint** **Moderator:** Regina Deible **Discussants:** Ziad A. Ali, Jamie Bartlett, Marc D. Feldman, Allen Jeremias, Morton J. Kern, Richard Shlofmitz	
	4:00 PM - 4:20 PM	**Debate: If you must Choose Between Intravascular Imaging or Physiologic Lesion Assessment**
		4:00 PM — **Intravascular Imaging is Essential for Improving PCI Outcomes – I can get by Without iFR/FFR!** Richard Shlofmitz
		4:10 PM — **iFR/FFR is Essential - Intravascular Imaging is Cumbersome and Not Mandatory!** Morton J. Kern
	4:20 PM	**Roundtable Discussion With Audience Q&A**
4:30 PM - 5:00 PM	**Session X. PCI 5: Vascular Access Point-Counterpoint** **Moderator:** Sarah Clarke **Discussants:** Justine Alexander, Bernardo Cortese, Michael S. Lee, Mamas Mamas, Bernadette S. Speiser, Jennifer A. Tremmel, Zoltan G. Turi	

4:30 PM - 4:50 PM	**Debate: Is Radial Access Preferred in Nearly All Cases?**	
	4:30 PM	**Radial First (Nearly) Always** Jennifer A. Tremmel
	4:40 PM	**The Femoral Approach is Still a Great First Option** Michael S. Lee
4:50 PM	**Roundtable Discussion With Audience Q&A**	
5:00 PM - 5:00 PM	**Adjourn**	

Maintenance of Certification (MOC) Course II

Monday, October 30
8:00 AM - 9:30 AM
Colorado Convention Center
Room 708/710, Meeting Room Level
Accreditation: none

8:00 AM - 9:30 AM	**Interventional Cardiology 2016 Module Review** **Co-Moderators:** George D. Dangas, Verghese Mathew **Discussants:** Tayo A. Addo, Nicola Corvaja, Dmitriy N. Feldman, Robert T. Pyo	
	8:00 AM	**Welcome and Introduction** George D. Dangas

Maintenance of Certification (MOC) Course III

Monday, October 30
9:30 AM - 11:00 AM
Colorado Convention Center
Room 708/710, Meeting Room Level
Accreditation: none

9:30 AM - 11:00 AM	**Interventional Cardiology 2015 Module Review** **Co-Moderators:** Tayo A. Addo, George D. Dangas **Discussants:** Nicola Corvaja, Dmitriy N. Feldman, Robert T. Pyo, Elias Sanidas	
	9:30 AM	**Welcome and Introduction** Tayo A. Addo

FDA Town Hall Meeting Part 1: Hundred Foot View - Milestone and New Initiatives

Monday, October 30
1:00 PM - 5:03 PM
Colorado Convention Center
Four Seasons Ballroom 4, Ballroom Level
Accreditation: CME/MOC

1:00 PM - 1:56 PM	**Session I. Regulatory Impact on PCI and TAVR: 40/15 Anniversary Perspectives** **Moderators:** Gregg W. Stone, Bram D. Zuckerman **Discussants:** Angeles Alonso Garcia, Alan G. Fraser, Spencer B. King III, Richard E. Kuntz, Martin B. Leon, William H. Maisel, Laura Mauri, Larry L. Wood	
	1:00 PM	**The Impact of Regulation on Forty Years of PCI and 15 years of TAVR: Physician-Scientist Perspectives** Gregg W. Stone
	1:08 PM	**The Impact of Regulation on Forty Years of PCI and 15 years of TAVR: Industry Perspectives** Richard E. Kuntz
	1:16 PM	**Keynote Lecture - FDA/CDRH: Evolving Impact of Device Regulation in the US** William H. Maisel
	1:26 PM	**Keynote Lecture. European Commission: Evolving Impact of Device Regulation in Europe** Alan G. Fraser
	1:36 PM	**Roundtable Discussion With Audience Q&A**
1:56 PM - 2:54 PM	**Session II. Harnessing the Power of Real-World Evidence in Real-World Trials: National Evaluation System for Health Technology (NEST)** **Moderators:** Mitchell W. Krucoff, John C Laschinger **Discussants:** Daniel A Canos, Rachael L. Fleurence, Richard E. Kuntz, Michael R Minogue, Nadezda Radoja, E. Murat Tuzcu, Roseann M White	

	1:56 PM	**Enhancing Pre-Approval Studies to Better Evaluate "Real-World" Use: Lessons Learned and Future Opportunities** Mitchell W. Krucoff
	2:06 PM	**Can Post-Approval Registries Inform Device Label Expansion? The TVT Case Example** E. Murat Tuzcu
	2:16 PM	**National Evaluation System for Health Technology (NEST): Objectives, Accomplishments and Future Directions** Rachael L. Fleurence
	2:26 PM	**CMS Perspectives on Post-Approval Device Evaluation(Including NEST) and Reimbursement** Daniel A Canos
	2:34 PM	**Roundtable Discussion With Audience Q&A**

2:54 PM - 4:00 PM

Session III: DIVERSITY in Clinical Trials

Moderators: Wayne B. Batchelor, George A. Mensah
Discussants: David H. Adams, David J. Cohen, Pamela S. Douglas, Cindy L. Grines, Robert A. Harrington, Roxana Mehran, Ian T. Meredith, Christopher J Popma, Chuck Simonton

	2:54 PM	**FDA Perspectives: Diversity in Clinical Trials and its Impact of Device Evaluation** Christopher J Popma
	3:01 PM	**Professional Society's Mission to Enhance DIVERSITY in Clinical Trials, Education and the Workforce: ACC** Pamela S. Douglas
	3:07 PM	**Professional Society's Mission to Enhance DIVERSITY in Clinical Trials, Education and the Workforce: AHA** Robert A. Harrington
	3:13 PM	**Professional Society's Mission to Enhance DIVERSITY in Clinical Trials, Education and the Workforce: STS/AATS** Vinod H. Thourani
	3:19 PM	**Professional Society's Mission to Enhance DIVERSITY in Clinical Trials, Education and the Workforce: SCAI** Cindy L. Grines
	3:25 PM	**Diversity in Clinical Trials (Lessons Learned, Future Directions): Inclusion of African American/Latina Populations** Wayne B. Batchelor
	3:33 PM	**Diversity in Clinical Trials (Lessons Learned, Future Directions): Inclusion of Women** Roxana Mehran
	3:40 PM	**Roundtable Discussion With Audience Q&A**

4:00 PM - 5:03 PM

Session IV. Early Feasibility Studies: Milestones Achieved and Future Directions

Moderators: Andrew Farb, Aaron V. Kaplan
Discussants: Lauren S. Baker, Daniel A Canos, Elazer R. Edelman, Rick Geoffrion, Juan F. Granada, Semih Oktay, Stanton J. Rowe, Sean Salmon, Jaime Walkowiak, Changfu Wu

4:00 PM	**EFS: Articulating the Value for the Entire Ecosystem** Aaron V. Kaplan
4:08 PM	**Early Feasibility Studies in USA: Status Update Report from the FDA** Andrew Farb
4:18 PM	**Early Feasibility Studies in the USA: Success, Hurdles, and Future Pathways** Jaime Walkowiak
4:28 PM	**EFS Experiences and Recommendations: A Start-up Perspective** Rick Geoffrion
4:35 PM	**EFS Experiences and Recommendations: A Major Device Company Perspective** Donald E. Bobo Jr
4:43 PM	**Roundtable Discussion With Audience Q&A**

International Session: Amazing Interventional Cases Presented by AICT, APSIC, TSCI, ISIC, CIAT, and CVIT

Monday, October 30
8:30 AM - 10:00 AM
Colorado Convention Center
Room 702/704, Meeting Room Level
Accreditation: none

8:30 AM - 9:11 AM

Session I. Unbelievable Cases From Different Countries

Moderators: Jun-Jack Cheng, Wasan Udayachalerm
Discussants: Muhammad Munawar, Teguh Santoso, Huay Cheem Tan, Chiung Jen Wu, Yoshito Yamamoto

	8:30 AM	**Introduction and Session Objectives** Jun-Jack Cheng
	8:31 AM	**Case #1: How to Manage and Treat LM Bifurcation** **Case Presenter:** Wasan Udayachalerm
	8:39 AM	**Case #2: Rotablator Burr Stall - Finding a Solution When All Efforts Fail** **Case Presenter:** Linda Lison
	8:47 AM	**Case #3: Rescue From Left Main Occlusion With Severe Aortic Stenosis** **Case Presenter:** Tetsuya Kaneko
	8:55 AM	**Case #4: TAVR for Pure Native Aortic Regurgitation - A Horrifying Ride** **Case Presenter:** Wei-Hsian Yin
	9:03 AM	**Roundtable Discussion With Audience Q&A**
	9:09 AM	**Conclusions and Take-home Messages** Wasan Udayachalerm

9:11 AM - 10:00 AM	**Session II. Amazing CTO Interventions** **Moderators:** Teguh Santoso, Yoshito Yamamoto **Discussants:** Jun-Jack Cheng, Muhammad Munawar, Huay Cheem Tan, Wasan Udayachalerm, Chiung Jen Wu	
	9:11 AM	**Introduction and Session Objectives** Yoshito Yamamoto
	9:12 AM	**Case #1: An Endovascular Option for an Untreatable Below-the-Ankle Occlusion** **Case Presenter:** Hsuan-Li Huang
	9:20 AM	**Case #2: Wire Gone Weird** **Case Presenter:** Wirash Kehasukcharoen
	9:28 AM	**Case #3: Double CTO in AMI With Cardiogenic Shock** **Case Presenter:** Makoto Sekiguchi
	9:36 AM	**Bioresorbable Scaffolds in a Coronary CTO** **Case Presenter:** Teguh Santoso
	9:44 AM	**Case #4: Unbelievable PCI CTO Complication** **Case Presenter:** Wen-Lieng Lee
	9:52 AM	**Roundtable Discussion With Audience Q&A**
	9:58 AM	**Conclusions and Take-home Messages** Teguh Santoso

International Session: Current Controversies in Transfemoral TAVR, Presented by the Czech Association of Interventional Cardiology, Slovak Society of Cardiology, German Society of Cardiology, and the Poland Cardiac Society

Monday, October 30
10:00 AM - 12:00 PM
Colorado Convention Center
Room 706, Meeting Room Level
Accreditation: none

10:00 AM - 11:00 AM

Session I. Coronary Artery Disease and Transfemoral TAVR

Moderators: Petr Kala, Jochen Wöhrle

10:00 AM	**Introduction and Session Objectives** Petr Kala
10:05 AM	**Slovakia Presents: Current Knowledge – Impact of Coronary Artery Disease on TAVR Management and Outcomes** Martin Hudec
10:15 AM	**Poland Presents: Case Introduction - A Patient With Critical Coronary Disease and Severe Aortic Stenosis** **Case Presenter:** Dariusz Dudek
10:22 AM	**Czech Republic Comments: How Would I Treat This Case and Why?** Marian Branny
10:28 AM	**Poland Presents: Case Conclusion - How I Treated This Case** **Case Presenter:** Dariusz Dudek
10:35 AM	**Slovakia Presents: Case Introduction - A Patient With Critical Coronary Disease and Severe Aortic Stenosis** **Case Presenter:** Petra Poliacikova
10:42 AM	**Germany Comments: How Would I Treat This Case and Why?** Thomas Walther
10:48 AM	**Slovakia Presents: Case Conclusion - How I Treated This Case** **Case Presenter:** Petra Poliacikova
10:55 AM	**Conclusions and Take-home Messages** Jochen Wöhrle

11:00 AM - 12:00 PM

Session II. Transfemoral TAVR in the Low-Risk Patient

Moderators: Dariusz Dudek, Martin Hudec

11:00 AM	**Introduction and Session Objectives** Dariusz Dudek
11:05 AM	**Germany Presents: Future Perspective - TAVR Compared to Surgical Valve Replacement in Patients With Low-Risk Scores – Potential Benefits and Harms** Michael Haude
11:15 AM	**Czech Republic Presents: Case Introduction - Severe Aortic Stenosis in a Low-Risk Patient** **Case Presenter:** Marian Branny
11:22 AM	**Poland Comments: How Would I Treat This Case?** Wojtek Wojakowski
11:28 AM	**Czech Republic Presents: Case Conclusion - How I Treated This Case** **Case Presenter:** Marian Branny
11:35 AM	**Germany Presents: Case Introduction - TAVR in a Low-Risk Patient With Cerebral Embolic Protection** **Case Presenter:** Julia Seeger
11:42 AM	**Slovakia Comments: How Would I Treat This Case?** Branislav Liska
11:48 AM	**Germany Presents: Case Conclusion - How I Treated This Case** **Case Presenter:** Julia Seeger
11:55 AM	**Conclusions and Take-home Messages** Martin Hudec

International Session: The Most Educational Coronary Cases From Our Countries, Presented by Bangladesh Society of Cardiovascular Intervention, Hong Kong College of Cardiology, Emirates Cardiac Society, and Tunisian Working Group on Interventional Cardiology

Monday, October 30
10:00 AM - 11:30 AM
Colorado Convention Center
Room 702/704, Meeting Room Level
Accreditation: none

10:00 AM - 10:45 AM	**Session I. Left Main and Non-Left Main Bifurcations** **Moderators:** Afzalur Rahman, Chris Kwok Yiu Wong **Discussants:** Arif Al Nooryani, Khaldoun Ben Hamda, Kam-Tim Chan, Habib Gamra, Abdullah Shehab

	10:00 AM	**Introduction and Session Objectives** Chris Kwok Yiu Wong
	10:05 AM	**Bangladesh Presents a Case: Left Main Bifurcation** **Case Presenter:** Afzalur Rahman
	10:10 AM	**How Should We Treat This Patient?** Chris Kwok Yiu Wong
	10:15 AM	**How Did I Treat This Patient?** **Case Presenter:** Afzalur Rahman
	10:20 AM	**Roundtable Discussion With Audience Q&A**
	10:25 AM	**Hong Kong Presents a Case: Non-Left Main Bifurcation** **Case Presenter:** Kam-Tim Chan
	10:30 AM	**How Should We Treat This Patient?** Kaisar Nasrullah Khan
	10:35 AM	**How Did I Treat This Patient?** **Case Presenter:** Kam-Tim Chan
	10:40 AM	**Roundtable Discussion With Audience Q&A**
10:45 AM - 11:30 AM	**Session II. Challenging Cases From Tunisia and UAE** **Moderators:** Khaldoun Ben Hamda, Abdullah Shehab **Discussants:** Abdulmajeed Allzubaidi, Kam-Tim Chan, Habib Gamra, Nadim Khedher, Afzalur Rahman, Chris Kwok Yiu Wong	

10:45 AM	**TUNISIA Presents a Case: Complication From a Bifurcation PCI** **Case Presenter:** Nadim Khedher
10:50 AM	**How Should We Treat This Complication?** Abdulmajeed Allzubaidi
10:55 AM	**How Did I Treat This Complication?** **Case Presenter:** Nadim Khedher
11:00 AM	**Roundtable Discussion With Audience Q&A**
11:10 AM	**UAE Presents a Case: Management of Left Main Dissection Occurring During an Elective Angiogram** **Case Presenter:** Arif Al Nooryani
11:15 AM	**How Should We Treat This Complication?** Kais BATTIKH
11:20 AM	**How Did I Treat This Complication?** **Case Presenter:** Arif Al Nooryani
11:25 AM	**Roundtable Discussion With Audience Q&A**

International Session: Treatment Options for Coronary Bifurcation Lesions, Presented by the Working Group on Invasive and Interventional Cardiology, Croatian Cardiac Society, Working Group on Interventional Cardiology, Belgian Working Group of Interventional Cardiology (BWGIC), Austrian Society of Cardiology, and Working Group of Interventional Cardiology

Monday, October 30
1:30 PM - 3:30 PM
Colorado Convention Center
Room 706, Meeting Room Level
Accreditation: none

1:30 PM - 3:30 PM	**Session I. Treatment Options for Coronary Bifurcation Lesions** **Moderators:** Walter Desmet, Guy J. Friedrich, Eduard Margetic **Discussants:** Christophe Dubois, Claude Hanet, Jozica Sikic, Vjekoslav Tomulic

1:30 PM	**Introduction and Overview of Coronary Bifurcation Lesions** Guy J. Friedrich
1:40 PM	**Coronary Bifurcation Lesions: Do We Know the Optimal Strategy?** Guy J. Friedrich
2:00 PM	**PCI With DES and DEB for Treatment of "True" Coronary Artery Bifurcation Lesions** Jozica Sikic
2:20 PM	**Is There a Role for Dedicated Stents or Bioresorbable Scaffolds in the Treatment of Complex Bifurcation Disease?** Christophe Dubois
2:40 PM	**Roundtable Discussion With Audience Q&A**
3:15 PM	**Closing Remarks and Take-home Messages** Walter Desmet, Eduard Margetic

International Session: Complications During ACS and CTO PCI, Presented by the Bulgarian Working Group of Interventional Cardiology, Hungarian Working Group of Interventional Cardiology, Hong-Kong Stent Group, and Romanian Working Group of Interventional Cardiology

Monday, October 30
3:30 PM - 5:00 PM
Colorado Convention Center
Room 702/704, Meeting Room Level
Accreditation: none

3:30 PM - 4:15 PM	**Session I. Complex ACS PCI** **Moderators:** Valeri L Gelev, Michael Kang-Yin Lee, Stefan Mot, Zoltan Ruzsa **Discussants:** Ivo Petrov, Marin Postu, Lucian Zarma

	3:30 PM	**Romania Presents: Complications That Can Occur During ACS PCI** **Case Presenter:** Stefan Mot
	3:35 PM	**Bulgaria Presents: My Worst Complication During ACS PCI** **Case Presenter:** Ivo Petrov
	3:40 PM	**Romania Presents: How Should I Treat This Complex ACS Case?** **Case Presenter:** Marin Postu
	3:45 PM	**Bulgaria Presents: How I Treated This Complex ACS Case** **Case Presenter:** Ivo Petrov
	3:50 PM	**Bulgaria Presents: Management of Complications During ACS PCI** **Case Presenter:** Valeri L Gelev
	3:55 PM	**Romania Presents: My Worst Complication During ACS PCI** **Case Presenter:** Lucian Zarma
	4:00 PM	**Bulgaria Presents: How Should I Treat This Complex ACS Case?** **Case Presenter:** Ivo Petrov
	4:05 PM	**Romania Presents: How I Treated This Complex ACS Case** **Case Presenter:** Lucian Zarma
	4:10 PM	**Roundtable Discussion With Audience Q&A**
4:15 PM - 5:00 PM	**Session II. Complex CTO PCI** **Moderators:** Valeri L Gelev, Michael Kang-Yin Lee, Stefan Mot, Zoltan Ruzsa **Discussants:** Istvan F. Edes, Li-Wah Tam	

4:15 PM	**Hungary Presents: Complications During CTO PCI** **Case Presenter:** Istvan F. Edes
4:20 PM	**Hong Kong Presents: My Worst Complication During a CTO PCI** **Case Presenter:** Li-Wah Tam
4:25 PM	**Hungary Presents: How Should I Treat This Complex CTO?** **Case Presenter:** Zoltan Ruzsa
4:30 PM	**Hong Kong Presents: How I Treated This Complex CTO** **Case Presenter:** Li-Wah Tam
4:35 PM	**Hong Kong Presents: Management of Complications During CTO PCI** **Case Presenter:** Michael Kang-Yin Lee
4:40 PM	**Hungary Presents: My Worst Complication During a CTO PCI** **Case Presenter:** Zoltan Ruzsa
4:45 PM	**Hong Kong Presents: How Should I Treat This Complex CTO?** **Case Presenter:** Li-Wah Tam
4:50 PM	**Hungary Presents: How I Treated This Complex CTO** **Case Presenter:** Zoltan Ruzsa
4:55 PM	**Roundtable Discussion With Audience Q&A**

International Session: Primary PCI Nightmares in Complexities and Challenges in STEMI Revascularization, Presented by the South African Society of Cardiovascular Intervention (SASCI), Israeli Working Group for Interventional Cardiology, and Italian Society of Invasive Cardiology (GISE)

Monday, October 30
3:30 PM - 5:00 PM
Colorado Convention Center
Room 706, Meeting Room Level
Accreditation: none

3:30 PM - 5:00 PM	**Session I. Primary PCI Nightmares in Complexities and Challenges in STEMI Revascularization** **Moderators:** Graham A. Cassel, Haim Danenberg, Giuseppe Tarantini

3:30 PM	**Session Introduction: The Challenges of Primary PCI** Graham A. Cassel
3:33 PM	**Israel Presents a Case: Giant Thrombus in a STEMI Patient** **Case Presenter:** Eli I. Lev
3:41 PM	**Roundtable Discussion With Audience Q&A**
3:47 PM	**Italy Presents a Case: STEMI Due to Left Main Disease** **Case Presenter:** Ugo Limbruno
3:55 PM	**Roundtable Discussion With Audience Q&A**
4:01 PM	**South Africa Presents a Case: STEMI With Multivessel Disease** **Case Presenter:** Riaz S Dawood
4:09 PM	**Roundtable Discussion With Audience Q&A**
4:15 PM	**Israel Presents a Case: STEMI With Cardiogenic Shock** **Case Presenter:** Amit Segev
4:23 PM	**Roundtable Discussion With Audience Q&A**
4:29 PM	**Italy Presents a Case: Ostial Dissection in a STEMI Patient** **Case Presenter:** Corrado Lettieri
4:37 PM	**Roundtable Discussion With Audience Q&A**
4:43 PM	**South Africa Presents a Case: STEMI Due to SVG Occlusion** **Case Presenter:** Shaheen Pandie
4:51 PM	**Roundtable Discussion With Audience Q&A**
4:57 PM	**Closing Remarks and Take-home Messages** Haim Danenberg, Giuseppe Tarantini

International Session: TCT International Fellows Session

Monday, October 30
5:00 PM - 6:30 PM
Colorado Convention Center
Room 708/710, Meeting Room Level
Accreditation: none

5:00 PM - 5:36 PM	**Session I. Top Three International Fellow's Cases** **Moderator:** Mohamed Ahmed Sobhy **Discussants:** Mirvat Alasnag, Carlos Cabrera Arroyo, Rabin dra Nath Chakraborty, Afzalur Rahman, Wojtek Wojakowski, Pedro de Araujo Goncalves

	5:00 PM	**Introduction of Top 3 Selected Winners** Mohamed Ahmed Sobhy
	5:05 PM	**Impella and Rotablation-assisted Bifurcation PCI Following Previous Edwards SAPIEN 3 TAVR** **Case Presenter:** Faisal Khan
	5:12 PM	**Malposition of the Evolut R Bioprosthesis During TAVR** **Case Presenter:** Tomasz Gasior
	5:19 PM	**Percutaneous Transapical Closure of a Left Ventricular Pseudoaneurysm** **Case Presenter:** Mesfer Alfadhel
	5:26 PM	**Roundtable Discussion with Audience Q&A** **Moderator:** Mohamed Ahmed Sobhy

5:36 PM - 6:15 PM

Session II. Fellows Got Talent – Case Competition!

Moderator: Wojtek Wojakowski
Discussants: Mirvat Alasnag, Carlos Cabrera Arroyo, Rabin dra Nath Chakraborty, Afzalur Rahman, Mohamed Ahmed Sobhy, Pedro de Araujo Goncalves

	5:36 PM	**Endovascular Repair of Complex Extracranial Supra-aortic Aneurysms: 2 Case Reports** **Case Presenter:** Deep Chandh Raja
	5:42 PM	**A Case of TAVR, Left Main PCI and Permanent Pacemaker Implantation in a Nonagenarian** **Case Presenter:** Gautam Naik
	5:48 PM	**Sub-occlusive Left Main PCI During CPR of an Acute Occluded RCA: A Catastrophic Scenario** **Case Presenter:** Maria Antonieta Albanez A. de Medeiros Lopes
	5:54 PM	**A Rare Complication of Valve-in-valve TAVR: Dynamic Intracavitary LV Obstruction** **Case Presenter:** Edwina C Wing-Lun
	6:00 PM	**Voting Commences & Winner Announced** **Moderator:** Wojtek Wojakowski
	6:06 PM	**Roundtable Discussion With Audience Q&A** **Moderator:** Wojtek Wojakowski

6:15 PM - 6:30 PM

Session III. My Most Challenging Case

Moderator: Pedro de Araujo Goncalves
Discussants: Mirvat Alasnag, Carlos Cabrera Arroyo, Rabin dra Nath Chakraborty, Afzalur Rahman, Mohamed Ahmed Sobhy, Wojtek Wojakowski

6:15 PM	**CASE 1 - TAVR Complicated by LM Occlusion and Salvaged by PCI** **Case Presenter:** Mirvat Alasnag
6:20 PM	**CASE 2- Image Guided Intervention in Traumatic Dissection of Dominant Right Coronary Artery Presenting as Acute Myocardial Infarction** **Case Presenter:** Rabin dra Nath Chakraborty
6:25 PM	**Roundtable Discussion With Audience Q&A** **Moderator:** Pedro de Araujo Goncalves

Special TCT Endovascular Session: Venous Interventions: PE, Acute DVT, and Chronic Venous Insufficiency

Monday, October 30
8:00 AM - 10:00 AM
Colorado Convention Center
Mile High Ballroom 4A-4B, Ballroom Level
Accreditation: CME/CNE/MOC

8:00 AM - 10:00 AM	**Session I. Venous Interventions: PE, Acute DVT, and Chronic Venous Insufficiency** **Moderators:** Michael R. Jaff, Robert A. Lookstein **Discussants:** Teresa L. Carman, Jay S. Giri, Philip Green, Barry T. Katzen, Sanjiv Lakhanpal, Kenneth Rosenfield

8:00 AM	**What Does ATTRACT Mean for Catheter-Directed Thrombolysis for DVT?** Barry T. Katzen
8:10 AM	**Roundtable Discussion With Audience Q&A**
8:15 AM	**Optimal Techniques for Catheter-Directed Thrombolysis** Robert A. Lookstein
8:25 AM	**Roundtable Discussion With Audience Q&A**
8:30 AM	**Iliac Vein Compression: Indications and Techniques for Venous Stents (Case Reviews)** **Case Presenter:** Sanjiv Lakhanpal
8:40 AM	**Roundtable Discussion With Audience Q&A**
8:45 AM	**Directed Discussion: Barriers and Solutions for DVT Care**
8:55 AM	**Is PE Really a Team Sport? Benefits and Disadvantages of PERT** Kenneth Rosenfield
9:05 AM	**Roundtable Discussion With Audience Q&A**
9:10 AM	**Techniques and Outcomes of PE Lysis: Is Catheter-Directed Thrombolysis Really Better Than IV Lytics?** Jay S. Giri
9:20 AM	**Roundtable Discussion With Audience Q&A**
9:25 AM	**Research Opportunities in PE Therapy** Michael R. Jaff
9:35 AM	**Roundtable Discussion With Audience Q&A**
9:40 AM	**Anticoagulation Following DVT/PE Intervention: What, When, Why, and for How Long?** Teresa L. Carman
9:50 AM	**Roundtable Discussion With Audience Q&A**
9:55 AM	**Directed Discussion: Barriers and Solutions for PE Care**

Special Session: 15th Anniversary HBD (Harmonization By Doing): New Synergies in Japan-U.S. Research Opportunities for Global Medical Device Innovation

Monday, October 30
9:00 AM - 5:00 PM
Colorado Convention Center
Room 703, Meeting Room Level
Accreditation: none

9:00 AM - 10:00 AM	**Session I: 15 Years of HBD** **Moderators:** Fumiaki Ikeno, Yuka Suzuki **Discussants:** Neal Fearnot, Kiyohito Nakai, Shigeru Saito, Bram D. Zuckerman	
	9:00 AM	**FDA Perspectives on HBD: Past, Present, and Future** Bram D. Zuckerman
	9:10 AM	**MHLW/PMDA Perspectives on HBD: Past, Present, and Future** Kiyohito Nakai
	9:20 AM	**Academic Perspective on HBD** Shigeru Saito
	9:30 AM	**Industry Perspective on HBD** Neal Fearnot
	9:40 AM	**Discussion**
10:00 AM - 11:00 AM	**Session II: HBD POC Updates: Novel Coronary & Vascular** **Moderators:** Robert Thatcher, Hiroyoshi Yokoi **Discussants:** Brad Martinsen, Stephen Rowland, Prabir Roy-Chaudhury	
	10:00 AM	**Japan-USA Coronary Stent Innovation: EPC Capture** Stephen Rowland
	10:10 AM	**Japan-USA Orbital Atherectomy for Calcific Coronary Lesions** Brad Martinsen
	10:20 AM	**Japan-USA Endovascular AV Fistula** Prabir Roy-Chaudhury
	10:30 AM	**Discussion**
11:00 AM - 12:00 PM	**Session III: The New Paradigm: Real World Evidence for Device Evaluation—A Global Perspective** **Moderators:** Daniel A Canos, Kazuhiro Sase **Discussants:** Mitchell W. Krucoff, Haruki Shirato, Larry L. Wood, Yoshimasa Yokoyama	

	11:00 AM	**Real World Evidence and The National Evaluation System for health Technologies (NEST): FDA View** Daniel A Canos
	11:10 AM	**Real World Evidence: PMDA view** Haruki Shirato
	11:20 AM	**Real World Evidence: Academic view** Mitchell W. Krucoff
	11:30 AM	**Real World Evidence: Industry view** Larry L. Wood
	11:40 AM	**Discussion**
12:00 PM - 1:00 PM	**Lunch Break**	
1:00 PM - 2:00 PM	**Session IV: Early Feasibility Studies: Is the HBD Landscape Ready?** **Moderators:** Mitchell W. Krucoff, Kiyohito Nakai **Discussants:** Andrew Farb, Shigeru Saito, Sara Takahashi, Robert Thatcher	
	1:00 PM	**EFS FDA Guidance: History & Overview** Andrew Farb
	1:10 PM	**Do Japanese Patients & Doctors Want EFS: Academic View** Shigeru Saito
	1:20 PM	**EFS in Japan: PMDA View** Sara Takahashi
	1:30 PM	**EFS in Japan & USA: Industry View** Robert Thatcher
	1:40 PM	**Discussion**
2:00 PM - 3:20 PM	**Special Session V: HBD For Children: Meeting the Challenge Together** **Moderators:** Nicole Ibrahim, Satoshi Yasukochi **Discussants:** Lisa Becker, Declan Dineen, Frank F. Ing, Sara Takahashi	

	2:00 PM	**Introduction and Achievement of HBD-for-Children** Yasuko Nakamura
	2:05 PM	**Current CV Device Use and Unmet Needs in Children: Japanese Academic View** Hideshi Tomita
	2:15 PM	**Current CV Device Use and Unmet Needs in Children: US Academic View** Frank F. Ing
	2:25 PM	**The Landscape of CV Device Innovation for Children: Industry View** Declan Dineen
	2:35 PM	**The Landscape of CV Device Innovation for Children: Industry View** Lisa Becker
	2:45 PM	**The Landscape of CV Device Innovation for Children: Regulatory View** Nicole Milligan
	2:55 PM	**The Landscape of CV Device Innovation for Children: Regulatory View** Sara Takahashi
	3:05 PM	**Discussion**
3:30 PM - 3:45 PM	**Break**	
3:45 PM - 4:45 PM	**Session VI: Critical Limb Ischemia (CLI) & PAD Japan-USA Research Directions & Opportunities: RAPID** **Moderators:** Schuyler Jones, Hiroyoshi Yokoi **Discussants:** Theodore Heise, Robert Thatcher, Eleni Whatley, Yoshimasa Yokoyama	
	3:45 PM	**Registry Assessment of Peripheral Interventional Devices (RAPID) Program** Eleni Whatley
	3:53 PM	**RAPID Program: PMDA View** Yoshimasa Yokoyama
	4:01 PM	**RAPID Program: Academic View** Hiroyoshi Yokoi
	4:09 PM	**RAPID Program: Industry View** Robert Thatcher
	4:17 PM	**Clinical Trials Using RAPID: Some POC Thoughts** Theodore Heise
	4:25 PM	**Discussion**
4:45 PM - 5:00 PM	**Closing Remarks**	

Hands-On Training Center: Trans-Septal Hands-On Training Program (Sponsored by CRF Skirball Center for Innovation, Supported through educational grants from Baylis Medical, Boston Scientific Corporation and Siemens Medical Solutions USA, Inc.)

Monday, October 30
9:30 AM - 11:10 AM
Colorado Convention Center
Hands-on Training Center, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 11:10 AM	**Hands-On Training Center: Trans-Septal Hands-On Training Program**
9:30 AM - 9:32 AM	**Welcome Remarks** Azeem Latib
9:32 AM - 9:42 AM	**Step-by-Step Trans-Septal Technique Equipment and Complications** Azeem Latib
9:42 AM - 10:12 AM	**Instructional Videos**

9:42 AM	**Anatomy**
9:52 AM	**TEE**
10:02 AM	**Transseptal Technique**

10:12 AM - 11:10 AM	**Hands-On Training Stations**

10:12 AM	**Devices - Needles, Wires and Sheaths** Azeem Latib
10:12 AM	**TEE (Heartworks Simulator)** Saibal Kar
10:12 AM	**Trans-septal Simulator (Simbionix)** Paul D. Mahoney
10:12 AM	**Transseptal Wet Models** Wayne B. Batchelor

11:10 AM - 11:10 AM	**Adjourn**

Hands-On Training Center: Trans-Septal Hands-On Training Program (Sponsored by CRF Skirball Center for Innovation, Supported through educational grants from Baylis Medical, Boston Scientific Corporation and Siemens Medical Solutions USA, Inc.)

Monday, October 30
2:30 PM - 4:10 PM
Colorado Convention Center
Hands-on Training Center, Exhibit Hall, Exhibit Level
Accreditation: none

2:30 PM - 4:10 PM	**Hands-On Training Center**	
2:32 PM - 2:42 PM	**Step-by-Step Trans-Septal Technique Equipment and Complications** Wayne B. Batchelor	
2:42 PM - 3:12 PM	**Instructional Videos**	
	2:42 PM	**Anatomy**
	2:52 PM	**TEE**
	3:02 PM	**Transseptal Technique**
3:12 PM - 4:10 PM	**Hands-On Training Stations**	
	3:12 PM	**Devices - Needles, Wires and Sheaths** Azeem Latib
	3:12 PM	**TEE (Heartworks Simulator)** Saibal Kar
	3:12 PM	**Trans-septal Simulator (Simbionix)** Paul D. Mahoney
	3:12 PM	**Transseptal Wet Models** Mayra Guerrero
4:10 PM - 4:10 PM	**Adjourn**	

A Special Evening With Tom Hanks At TCT 2017

Monday, October 30
8:15 PM - 9:15 PM

Colorado Convention Center
Main Arena, Bellco Theater, Meeting Room Level
Accreditation: none

Panelistss: Juan F. Granada, Ajay J. Kirtane, Michael S. Lee, Martin B. Leon, Gregg W. Stone

Exhibit Hall

Monday, October 30
9:00 AM - 5:00 PM
Colorado Convention Center
Exhibit Hall, Exhibit Level
Accreditation: none

9:00 AM - 5:00 PM	**Visit the Exhibit Hall to learn, network, relax, and stay updated on the newest and latest in the industry. More than 120+ booths fill the large hall with the latest, cutting-edge products and services, selected just for you. Plan your visit today by sear**

TCT360: Hypertrophic Cardiomyopathy and Septal Ablation

Monday, October 30
8:00 AM - 12:18 PM
Colorado Convention Center
Virtual Session
Accreditation: none

8:00 AM - 8:55 AM	**Session I. Diagnosis and Medical Management of Hypertrophic Cardiomyopathy** **Moderators:** Morton J. Kern, Sherif F. Nagueh **Discussants:** Antoine Lafont, John C. Messenger, Rod H. Stables	
	8:00 AM	**The Hemodynamics of Diastology, LVOT Obstruction, and Exercise Physiology in HCM** Morton J. Kern
	8:15 AM	**Multimodality Imaging for HCM Diagnosis** Sherif F. Nagueh
	8:30 AM	**Practical Aspects of Pharmacologic Therapy of Obstruction**
	8:45 AM	**Roundtable Discussion**
8:55 AM - 9:05 AM	**Break**	

9:05 AM - 10:00 AM	**Session II. Alcohol Septal Ablation, the Procedure** **Moderators:** Srihari S. Naidu, Paul Sorajja **Discussants:** Valerian Fernandes, George S. Hanzel, Jens Flensted Lassen, Sherif F. Nagueh	
	9:05 AM	**Patient Selection for Alcohol Septal Ablation** Srihari S. Naidu
	9:15 AM	**Contemporary Alcohol Septal Ablation Techniques** Valerian Fernandes
	9:30 AM	**Preprocedural and Intraprocedural Imaging to Guide Ablation** Sherif F. Nagueh
	9:40 AM	**Is Ventricular Arrhythmia After Ablation a Real Phenomenon?** George S. Hanzel
	9:50 AM	**Roundtable Discussion**
10:00 AM - 10:10 AM	**Break**	
10:10 AM - 11:20 AM	**Session III. Alcohol Septal Ablation, Case-Based Presentations** **Moderators:** John S. Douglas Jr, Valerian Fernandes **Discussants:** Talib Majwal, Srihari S. Naidu, Paul Sorajja	

	10:10 AM	**My Most Difficult Case(s)** **Case Presenter:** John S. Douglas Jr
	10:18 AM	**Roundtable Discussion**
	10:20 AM	**My Worst Complication(s)** **Case Presenter:** George S. Hanzel
	10:28 AM	**Roundtable Discussion**
	10:30 AM	**When to Declare Victory** **Case Presenter:** Christopher D. Nielsen
	10:38 AM	**Roundtable Discussion**
	10:40 AM	**Evaluation and Management of AS With Obstructive HCM** **Case Presenter:** Srihari S. Naidu
	10:48 AM	**Roundtable Discussion**
	10:50 AM	**Might Mitraclip Make Ablation Irrelevant?** **Case Presenter:** Paul Sorajja
	10:58 AM	**Roundtable Discussion**
	11:00 AM	**High-grade AV Block After ASA** **Case Presenter:** Valerian Fernandes
	11:08 AM	**Roundtable Discussion**
	11:10 AM	**Can Alcohol Ablation Be Used to Treat Ventricular Tachycardia?** **Case Presenter:** Vivek Y. Reddy
	11:18 AM	**Roundtable Discussion**
11:20 AM - 11:30 AM	**Break**	
11:30 AM - 12:18 PM	**Session IV. Alcohol Septal Ablation, Program Building** **Moderators:** Carey D. Kimmelstiel, Richard Smalling **Discussants:** Sherif F. Nagueh, Srihari S. Naidu, Paul Sorajja	
	11:30 AM	**Building an HCM Program - Benchmarks for Centers of Excellence** Sherif F. Nagueh
	11:42 AM	**Alcohol Septal Ablation - Learning Techniques Through Proctoring** Srihari S. Naidu
	11:54 AM	**Getting Surgical-like Results With Alcohol Septal Ablation** Paul Sorajja
	12:06 PM	**Roundtable Discussion**

TCT360: Ongoing Major Randomized Trials - Anticipating the Future

Monday, October 30
8:00 AM - 12:45 PM
Colorado Convention Center
Virtual Sessions
Accreditation: none

8:00 AM - 9:00 AM

Session I. Ongoing PCI Trials: Predicting the Future

Moderators: C. Michael Gibson, Stephan Windecker
Discussants: Stephan Achenbach, Eric R. Bates, Vasim Farooq, David Hildick-Smith, Freek W.A. Verheugt

8:00 AM	**Predicting the Future: Will the Ongoing COMPLETE Trial Change the Current Recommended Approach to Multivessel Disease in STEMI?** David Hildick-Smith
8:10 AM	**Roundtable Discussion**
8:15 AM	**Predicting the Future: Will the Ongoing TWILIGHT and GLOBAL LEADERS Trials Change The Current Recommended Approach to Chronic Antiplatelet Therapy?** Eric R. Bates
8:25 AM	**Roundtable Discussion**
8:30 AM	**Predicting The Future: Will the ABSORB III/IV Ten-Year Results Change How We Currently View Bioresorbable Vascular Scaffolds?** Stephan Achenbach
8:40 AM	**Roundtable Discussion**
8:45 AM	**Predicting The Future: Will the Ongoing DES 3-Month DAPT Studies With Synergy and Xience Change How We Treat High Risk Bleeding Patients?** Stephan Windecker
8:55 AM	**Roundtable Discussion**

9:00 AM - 9:15 AM

Break

9:15 AM - 10:15 AM

Session II. Ongoing Structural Heart Disease Trials: Predicting the Future

Moderators: David H. Adams, Ted Feldman
Discussants: Gilles Dreyfus, Allan Schwartz, Craig R. Smith, Vinod H. Thourani

	9:15 AM	**Predicting the Future: Will the Ongoing LOW RISK TAVR Trials Change How We Treat Low Surgical Risk Patients With Aortic Stenosis?** Craig R. Smith
	9:25 AM	**Roundtable Discussion**
	9:30 AM	**Predicting the Future: Will the Ongoing GALILEO and ENVISAGE AF Trials Change How We Anticoagulate Patients After TAVR?** Vinod H. Thourani
	9:40 AM	**Roundtable Discussion**
	9:45 AM	**Predicting the Future: Will the Ongoing TAVR UNLOAD and Early TAVR Trials Change the Threshold for TAVR in Moderate and Asymptomatic Aortic Stenosis?** Allan Schwartz
	9:55 AM	**Roundtable Discussion**
	10:00 AM	**Predicting The Future: Will the Ongoing COAPT Trial Change How We Treat Patients With Secondary MR in Heart Failure?** Gilles Dreyfus
	10:10 AM	**Roundtable Discussion**
10:15 AM - 10:30 AM	**Break**	
10:30 AM - 11:34 AM	**Session III. Ischemic Heart Disease: New and Future Approaches** **Moderators:** Bernard J. Gersh, Robert A. Harrington **Discussants:** Pamela S. Douglas, Wolfgang Koenig, David J. Moliterno, Evan A. Stein	
	10:30 AM	**Primary Prevention In High Risk Patients I: REPRIEVE** Pamela S. Douglas
	10:37 AM	**Primary Prevention in High Risk Patients II: THEMIS** Robert A. Harrington
	10:44 AM	**Roundtable Discussion**
	10:49 AM	**Should Alleviating ISCHEMIA Be the Goal?** David J. Moliterno
	10:59 AM	**Roundtable Discussion**
	11:04 AM	**The LDL Hypothesis Post FOURIER: Heading Home From ODYSSEY** Wolfgang Koenig
	11:14 AM	**Roundtable Discussion**
	11:19 AM	**The Inflammatory Hypothesis After CANTOS: CIRT** Wolfgang Koenig
	11:29 AM	**Roundtable Discussion**

11:34 AM - 11:45 AM	**Break**
11:45 AM - 12:45 PM	**Session IV: Innovations in Conducting Randomized Trials** **Moderators:** Ori Ben-Yehuda, Robert A. Harrington, Roxana Mehran **Discussants:** Adrian F Hernandez, Manesh R. Patel, Robert W. Yeh, Alan C. Yeung

11:45 AM	**Keeping It Simple: Large Pragmatic Trials** Ori Ben-Yehuda
11:55 AM	**Roundtable Discussion**
12:00 PM	**Making the EHR Useful For Research: ADAPTABLE** Adrian F Hernandez
12:10 PM	**Roundtable Discussion**
12:15 PM	**Facebook and Twitter for Trial Recruitment: SCAD Case Example** Jacqueline Saw
12:25 PM	**Roundtable Discussion**
12:30 PM	**Trial In the Pocket: Myheartcounts** Alan C. Yeung
12:40 PM	**Roundtable Discussion**

TCT360: Global Guidelines and AUC - Harmony and Data Gaps

Monday, October 30
1:00 PM - 5:55 PM
Colorado Convention Center
Virtual Session
Accreditation: none

1:00 PM - 1:49 PM	**Session I. STEMI/ACS With Multivessel Disease - Data, Guidelines, and AUC** **Moderators:** Sripal Bangalore, Anthony H. Gershlick **Discussants:** Eric A. Cohen, Stefan K. James, Barry D. Rutherford, Jacqueline E. Tamis-Holland

	1:00 PM	**Case Introduction: STEMI With Multivessel Disease – How Should We Treat?** **Case Presenter:** Prashant Kaul
	1:05 PM	**STEMI/ACS With Multivessel Disease: What Do the Data and EU Guidelines Say?** Stefan K. James
	1:17 PM	**STEMI/ACS With Multivessel Disease: What Do the US Guidelines and AUC Say?** **Case Presenter:** Jacqueline E. Tamis-Holland
	1:29 PM	**Case Resolution: STEMI With Multivessel Disease – How We Treated** **Case Presenter:** Prashant Kaul
	1:34 PM	**Roundtable Discussion**
1:49 PM - 2:00 PM	**Break**	
2:00 PM - 2:49 PM	**Session II. STEMI With Cardiogenic Shock and Cardiac Arrest - Data, Guidelines, and AUC** **Moderators:** Sripal Bangalore, Manesh R. Patel **Discussants:** Gregory J. Dehmer, Navin K. Kapur, Srihari S. Naidu, Holger Thiele	
	2:00 PM	**Case Introduction: A Patient With STEMI, Cardiogenic Shock, and Cardiac Arrest – How Should We Treat?** **Case Presenter:** Navin K. Kapur
	2:05 PM	**STEMI With Cardiogenic Shock and Cardiac Arrest: What Do the Data and EU Guidelines Say?** Holger Thiele
	2:17 PM	**STEMI With Cardiogenic Shock and Cardiac Arrest: What Do the US Guidelines and AUC Say?** Gregory J. Dehmer
	2:29 PM	**Case Resolution: STEMI, Cardiogenic Shock, and Cardiac Arrest – How We Treated** **Case Presenter:** Navin K. Kapur
	2:34 PM	**Roundtable Discussion**
2:49 PM - 3:00 PM	**Break**	
3:00 PM - 3:49 PM	**Session III. Revascularization in Stable Ischemic Heart Disease - Data, Guidelines, and AUC** **Moderators:** Sripal Bangalore, Manesh R. Patel **Discussants:** Carlo Di Mario, Alice K. Jacobs, David J. Maron, Adhir Shroff	

	3:00 PM	**Case Introduction: A Patient With Stable Angina – How Should We Evaluate and Treat?** **Case Presenter:** Adhir Shroff
	3:05 PM	**Revascularization in Stable Ischemic Heart Disease: What Do the Data and EU Guidelines Say?** Carlo Di Mario
	3:17 PM	**Revascularization in Stable Ischemic Heart Disease: What Do the US Guidelines and AUC Say?** David J. Maron
	3:29 PM	**Case Resolution: A Patient With Stable Angina – Our Approach and Outcome** **Case Presenter:** Adhir Shroff
	3:34 PM	**Roundtable Discussion**
3:49 PM - 4:00 PM	**Break**	
4:00 PM - 4:49 PM	**Session IV. PCI vs CABG in Multivessel Disease - Data, Guidelines, and AUC** **Moderator:** Issam D. Moussa **Discussants:** Emmanouil S. Brilakis, Alfredo R. Galassi, Michael A. Kutcher, Manesh R. Patel	
	4:00 PM	**Case Presentation: A High-Risk Patient With Complex Multivessel Disease – PCI vs CABG?** **Case Presenter:** Emmanouil S. Brilakis
	4:05 PM	**PCI vs CABG in Multivessel Disease: What Do the Data and EU Guidelines Say?** Alfredo R. Galassi
	4:17 PM	**PCI vs CABG in Multivessel Disease: What Do the US Guidelines and AUC Say?** Manesh R. Patel
	4:29 PM	**Case Resolution: A High-Risk Patient With Complex Mutlivessel Disease – How We Treated** **Case Presenter:** Emmanouil S. Brilakis
	4:34 PM	**Roundtable Discussion**
4:49 PM - 5:00 PM	**Break**	
5:00 PM - 5:55 PM	**Session V. Controversies in Imaging for Suspected Coronary Artery Disease - Data, Guidelines, and AUC** **Moderators:** Pamela S. Douglas, Paul S. Teirstein **Discussants:** Justin E. Davies, Jonathon A. Leipsic, James K. Min, Armin A. Zadeh	

5:00 PM	**Evaluation of Suspected Coronary Artery Disease With Noninvasive and Invasive Imaging: What Do the Data and EU Guidelines Say?** Stephan Achenbach
5:10 PM	**Evaluation of Suspected Coronary Artery Disease With Non-invasive and Invasive Imaging: What Do the US Guidelines and AUC Say?** James K. Min
5:20 PM	**Debate: Invasive Angiography With Coronary Physiology and Intravascular Imaging Trumps Noninvasive Imaging!** Justin E. Davies
5:30 PM	**Debate: CT-FFR Will Replace Most Diagnostic Catheterizations!** Jonathon A. Leipsic
5:40 PM	**Roundtable Discussion**

TCT360: Metallic Stents- Devices and Outcomes Part I

Monday, October 30
1:00 PM - 5:15 PM
Colorado Convention Center
Virtual Sessions
Accreditation: none

1:00 PM - 2:02 PM	**Session I. Bare Metal Stents and Specialty DES: Evolution and Current Applications** **Moderators:** Julinda Mehilli, Giulio G. Stefanini **Discussants:** Rafael Beyar, Stephen G. Ellis, Chaim S. Lotan, Terje K. Steigen

	1:00 PM	**Should BMS Stay On the Shelf? Clinical and Global Perspectives on the Role Of BMS in 2017** Raffaele Piccolo
	1:08 PM	**Emerging Thromboresistant BMS 1: Cobra PzF Stents** Donald Cutlip
	1:16 PM	**Emerging Thromboresistant BMS 2: Titanium-Nitride-Oxide Stents** Pim A.L. Tonino
	1:24 PM	**Tradeoffs of Embolic Protection and Sealing vs Restenosis: Utility of the Micronet MGuard Stent for MI, SVG, Aneurysms, and More** Dariusz Dudek
	1:32 PM	**Outcomes With the Stentys Self-Expanding DES in STEMI and Other Clinical Scenarios** Roxana Mehran
	1:40 PM	**Small Vessel Stenting Snapshot 1: The Onyx 2.0 Zotarolimus-Eluting Stent** Matthew J. Price
	1:46 PM	**Small Vessel Stenting Snapshot 2: The Svelte Sirolimus-Eluting Stent** Sunil V. Rao
	1:52 PM	**Roundtable Discussion**
2:02 PM - 2:12 PM		**Break**
2:12 PM - 3:06 PM		**Session II. Specialized Stents for Bifurcations** **Moderators:** Alaide Chieffo, Jeffrey W. Moses **Discussants:** J. Dawn Abbott, Evald H. Christiansen, Hyeon-Cheol Gwon, Matthias Götberg
	2:12 PM	**Is There a Need for Dedicated Bifurcation Stents (Bare Metal or Drug-Eluting)?** Martin B. Leon
	2:22 PM	**Bifurcation Stents 2: AXXESS Plus Description, Data, and Case Examples** Fausto Feres
	2:30 PM	**Bifurcation Stents 3: BIOSS Description, Data, and Case Examples** Ricardo A. Costa
	2:38 PM	**Bifurcation Stents 4: NILE Description, Data, and Case Examples** Ivo Petrov
	2:46 PM	**Bifurcation Stents 1: TRYTON Description, Data, and Case Examples** Philippe Genereux
	2:56 PM	**Roundtable Discussion: Are Bifurcation Stents “Nice To Have” or “Must Have” Devices?**
3:06 PM - 3:15 PM		**Break**

3:15 PM - 4:05 PM	**Session III. Update on DES With Durable Polymers** **Moderators:** Stephen G. Ellis, David E. Kandzari **Discussants:** Gregory Mishkel, Matthew J. Price, Sigmund Silber	
	3:15 PM	**XIENCE Everolimus-Eluting Stents: Device Iterations, Randomized/Registry Outcomes Data in Perspective and the Move to Shorter DAPT** Tullio Palmerini
	3:25 PM	**Promus Element Everolimus-Eluting Stents: Device Iterations and Randomized/Registry Outcomes Data in Perspective** Sigmund Silber
	3:35 PM	**Resolute and Onyx Zotarolimus-Eluting Stents: Device Iterations and Randomized/Registry Outcomes Data in Perspective** Matthew J. Price
	3:45 PM	**BioNIR: Specifications and BIONICS/NIREUS Results in Perspective** David E. Kandzari
	3:55 PM	**Discussion: The Role of Durable Polymer-Based Stents in Today's Cath Lab**
4:05 PM - 4:15 PM	**Break**	
4:15 PM - 5:15 PM	**Session IV. Bioabsorbable Polymer-Based Metallic DES Part 1: Established Technologies** **Moderators:** Ioannis Iakovou, Gert Richardt **Discussants:** Joseph P. Carrozza Jr, Salvatore Cassese, Ricardo A. Costa	

	4:15 PM	**Pros and Cons of Bioabsorbable Polymer-Based DES: Will They Translate Into Improved Clinical Outcomes Compared to the Best Durable Polymer-Based DES?** Renu Virmani
	4:23 PM	**Expanding Clinical Evidence With SYNERGY: From EVOLVE II to Real-world Registries and EVOLVE DAPT** Dean J. Kereiakes
	4:31 PM	**MiStent and DESSOLVE III Outcomes: Are the Stent and Clinical Trial Results Unique?** Robert J. de Winter
	4:39 PM	**The Orsiro Sirolimus-eluting Stent: Outcomes From the BIOFLOW and BIORESORT Trials** Clemens von Birgelen
	4:47 PM	**PLLA-Based Biolimus A9 Elution I: Outcomes With the BioMatrix Family of DES** Christophe Dubois
	4:55 PM	**PLLA-Based Biolimus A9 Elution II: From Nobori to Ultimaster – Specifications and Results** Shigeru Saito
	5:03 PM	**Roundtable Discussion: The Role Of Bioabsorbable Polymer-Based Stents in Today's Cath Lab**

TCT360: Cardiac Regeneration and Repair - Discovery and Debate, Part II

Monday, October 30
1:30 PM - 2:15 PM
Colorado Convention Center
Virtual Session
Accreditation: none

1:30 PM - 2:15 PM	**Session V. Update on International Alliances** **Moderators:** Anthony N. DeMaria, Francisco Fdez-Aviles **Discussants:** Jozef Bartunek, Jens Kastrup, Amir Lerman	
	1:30 PM	**The European Vision of Regenerative Cardiovascular Medicine: The New CARE Working Group of the ESC** Jens Kastrup
	1:40 PM	**The American Vision of Regenerative Cardiovascular Medicine** Anthony N. DeMaria
	1:50 PM	**The Global Vision of Cardiovascular Regenerative Medicine: The TACTICS Alliance** Francisco Fdez-Aviles
	2:00 PM	**Roundtable Discussion**

Moderated Poster Session: Acute BRS Results

Monday, October 30
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 4, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM

Acute BRS Results

Moderators: Robert J. Applegate, Jorge A. Belardi
Discussants: Wei-Chun Huang, Maciej Lesiak, Jean-François Tanguay

9:30 AM	**TCT 128: Relationship Between Bioresorbable Vascular Scaffold Technique and Acute Recoil** Hirofumi Hioki
9:37 AM	**Discussion**
9:42 AM	**TCT 129: Long-Term Follow-Up of BRS Implantation for Complex Coronary Lesions: A Multicentre Experience** Damiano Regazzoli, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 130: Comparison of Bioresorbable Scaffold Measurements Between Intravascular Ultrasound and Quantitative Coronary Angiography in the ABSORB Japan Trial** Kozo Okada, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 131: Temporal Vascular Response To Novel, Long, Thin Strut Bioreresorbable Scaffold In The Porcine Coronary Restenosis Model** Piotr Buszman, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 132: Strut Thickness Impact on Thrombogenicity in BRS: In-Vitro Insights** Hui Ying Ang Ying Ang
10:25 AM	**Discussion**

Moderated Poster Session: Coronary Physiology after PCI

Monday, October 30
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM

Coronary Physiology after PCI

Moderators: Daniel H. Berrocal, Eric Van Belle
Discussants: Joo Myung Lee, Maurizio Menichelli, Adhir Shroff, Emmanouil I Skalidis

9:30 AM	**TCT 133: Clinical Impact of Persistent Microvascular Obstruction Following Successful Percutaneous Coronary Intervention in Acute ST Segment Elevation Myocardial Infarction** Sourabh Aggarwal, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 134: Impact of Post-Percutaneous Coronary Intervention Fractional Flow Reserve Measurement on Procedural Management and Clinical Outcomes: The REPEAT-FFR Study** Lorenzo Azzalini, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 135: The Index of Microvascular Resistance As A Surrogate for Nyocardial Infarct Extension and Microvascular Obstruction in Patients With ST Elevation Myocardial Infarction Treated by Primary Angioplasty** Sergio Baptista, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 136: Cutoff Value and Long-Term Prediction of Clinical Events by FFR Measured Immediately After Implantation of a Drug-Eluting Stent in Patients With Coronary Artery Disease: 1- to 3-Year Results From the DKCRUSH VII Registry Study** Shao-Liang Chen
10:13 AM	**Discussion**
10:18 AM	**TCT 137: Gender Differences in Fractional Flow Reserve after Percutaneous Coronary Intervention** Rutger van Bommel
10:25 AM	**Discussion**

Moderated Poster Session: Early vs Delayed PCI in NSTEMI Patients

Monday, October 30
9:30 AM - 10:18 AM
Colorado Convention Center
Moderated Posters 8, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:18 AM

Early vs Delayed PCI in NSTEMI Patients

Moderators: Timothy D. Henry, Henning Kelbæk
Discussants: Gennaro Giustino, Tom Johnson, Hazem Khamis, Alexandre Schaan Quadros

9:30 AM	**TCT 148: 10-year Clinical Outcomes of an Early Invasive vs a Selective Strategy in Patients Non-ST-segment Elevation Acute Coronary Syndrome With Diabetes Mellitus: A Subgroup Analysis of the ICTUS Trial** Niels Hoedemakerm, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 149: Early Invasive vs Initial Conservative Strategy in Patients With Non-ST Elevation Acute Coronary Syndrome: A Meta-analysis of Randomized Control Trials** Aakash Garg, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 150: Risk Factors for New-Onset Atrial Fibrillation after Percutaneous Coronary Intervention Among Patients With Non-ST Elevation Myocardial Infarction** Adedotun Ogunsua, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 152: Early vs Delayed Percutaneous Coronary Intervention for Non-ST Elevation Acute Coronary Syndromes in Patients With End Stage Renal Disease: A Nationwide Analysis from 2010 to 2014** Bing Yue, MD
10:13 AM	**Discussion**

Moderated Poster Session: Gender-related Issues I: Structural Heart Disease Intervention

Monday, October 30
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 1, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**Gender-related Issues I: Structural Heart Disease Intervention** **Moderators:** Kimberly A. Skelding, Bonnie H. Weiner **Discussants:** Vivian Ng, Puja B. Parikh, Jack Wei Chieh Tan, Eric Jose Velazquez

9:30 AM	**TCT 113: Gender Differences With Transcatheter Mitral Valve Repair: A Propensity Score Matched Analysis** Rajkumar Doshi, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 114: Transcatheter Aortic Valve Replacement Related Complications in Women: Is There a Gender-related Difference?** Chirag Sheth, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 115: Gender Differences in Risk Profile and In-hospital Outcomes of Transcatheter Aortic Valve Replacement** Chirag Sheth, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 116: Gender-Related Differences in Endovascular Abdominal Aneurysm Repair: An Analysis of the National Inpatient Sample Database (2002-2013)** Konstantinos Voudris, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 117: Impact Of Discharge Location After Transcatheter Aortic Valve Replacement On 1-Year Outcomes In Women: Results From The WIN-TAVI Registry** Julinda Mehilli
10:25 AM	**Discussion**

Moderated Poster Session: Heart Failure

Monday, October 30
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 6, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**Heart Failure** **Moderators:** Jacques J. Koolen, Frederick G. St. Goar **Discussants:** Jozef Bartunek, Peter Carson, Jian Zeng Dong

9:30 AM	**TCT 138: Cardiovascular Outcomes Assessment of MitraClip® Therapy in Heart Failure Patients With Functional Mitral Regurgitation (The COAPT Trial): Baseline Characteristics and Preliminary 2-Year Outcomes of the Roll-In Cohort** Michael J. Mack
9:37 AM	**Discussion**
9:42 AM	**TCT 139: Primary Left Ventricular Unloading With a Trans-Valvular Axial Flow Pump Limits Ischemic Heart Failure After Acute Myocardial Infarction** Lara Reyelt, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 140: Long-term Sustained Reduction of Heart Failure Symptoms through Less-Invasive Ventricular Reshaping** Christoph Schmitz, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 141: Changes in Left Ventricular Ejection Fraction After Transcatheter Aortic Valve Replacement** Eugene Chung, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 142: Prognostic Value of Heart Failure Before and During the First Year After TAVI: Factors Determining Heart Failure After TAVI.** Diego López Otero, MD
10:25 AM	**Discussion**

Moderated Poster Session: High Risk Patients and TAVR - I

Monday, October 30
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 7, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**High Risk Patients and TAVR - I** **Moderators:** Eulogio J. Garcia, Bernhard Reimers **Discussants:** Mohamed Abdel-Wahab, Mahmoud Idris Traina

9:30 AM	**TCT 143: Impact of Frailty Markers For Unplanned Hospital Readmission Following Transcatheter Aortic Valve Implantation** Mike Saji, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 144: High Pulmonary Vascular Resistance is Associated With Higher Mortality in Transcatheter Aortic Valve Replacement Patients With Pulmonary Hypertension** Dustin Kliner, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 145: Influence of Cachexia on Mortality After Transcatheter Aortic Valve Implantation in Patients With Severe Aortic Valve Stenosis** Lisa Voigtländer, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 146: The impact of Clinical Frailty on One-year Mortality Post Transcatheter Aortic Valve Replacement** Kyle Buchanan, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 147: Short and Long Term Transcatheter Aortic Valve Replacement Outcome Using Clinical Frailty Status** Kyle Buchanan, MD
10:25 AM	**Discussion**

Moderated Poster Session: New PCI Techniques and Technologies

Monday, October 30
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 3, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**New PCI Techniques and Technologies** **Moderators:** Todd J. Brinton, Tim A. Fischell **Discussants:** Steven L. Almany, Aaron V. Kaplan

9:30 AM	**TCT 123: Pressure-Controlled Intermittent Coronary Sinus Occlusion Reduces Infarct Size After Primary PCI: A Propensity-controlled Matched Study** Azfar Zaman, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 124: Safety and Feasibility of a Novel, Second Generation Robotic-Assisted System for Percutaneous Coronary Intervention: First-in-Human Report** Christopher Smitson, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 125: Ultrahigh Molecular Weight Polyethylene Membrane for Use in Vascular Stent Graft Applications — Preliminary Evidence From an Ovine Peripheral Implantation Model** Wei Cheng, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 126: First Experience With the Coronary Sinus Reducer System for the Management of Refractory Angina in Patients Without Obstructive Coronary Artery Disease** Francesco Giannini, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 127: Optical Coherence Tomography and Histopathological Preclinical Evaluation of an Enhanced Polytetrafluoroetylene (PTFE) Covered Stent in a Peripheral Swine Animal Model: Addressing the Anatomical Challenges of the Lower Limb Stenting Procedure** Armando Tellez, MD
10:25 AM	**Discussion**

Moderated Poster Session: TAVR and Leaflet Thrombosis

Monday, October 30
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**TAVR and Leaflet Thrombosis** **Moderators:** Stephen J.D. Brecker, Stamatios Lerakis **Discussants:** M Chadi Alraies, Douglas G. Fraser, Hasan Jilaihawi, Philippe Pibarot

9:30 AM	**TCT 118: Leaflet Thrombosis Following Transcatheter Aortic Valve-in-Valve Implantation: A Comparative Modeling Study of SAPIEN 3 and CoreValve in PERIMOUNT Magna Surgical Bioprosthesis** Ali Azadani, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 119: Short Term TAVR Outcome in Patients With Indication for Oral Anticoagulation** Felix Woitek, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 120: Aspirin is Equivalent to Dual Antiplatelet Therapy after Transcatheter Aortic Valve Replacement: A Meta-analysis of 11,781 Patients** Yousif Ahmad, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 121: Bioprosthetic Aortic Valve Leaflet Thrombosis Detected by Multidetector Computed Tomography is Associated With Adverse Cerebrovascular Events: A Meta-analysis of Observational Studies** Adam Brown, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 122: Evolution of Transcatheter Aortic Valves: Stent and Leaflet Stresses Based Upon Device Generation** Elaine Tseng, MD
10:25 AM	**Discussion**

Moderated Poster Session: Aortic Valve-in-Valve Therapy

Monday, October 30
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**Aortic Valve-in-Valve Therapy** **Moderators:** Stephan Baldus, Sameer Gafoor **Discussants:** Marco Barbanti, Daniel J. Blackman, Victor Guetta, Ali Khoynezhad

10:30 AM	**TCT 158: Durability of Hemodynamic Results of Valve in Valve TAVR With Bioprosthetic Valve Fracture (BVF)** John Saxon, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 159: First Look at Clinical Outcomes of Mechanically Expanding Transcatheter Heart Valves Utilized for Failed Bioprosthetic Aortic Valves** Fausto Castriota, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 160: Valve-in-Valve Transcatheter Aortic Implantation in Degenerative Sutureless Bioprostheses** Ran Kornowski, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 161: Impact of Pre-existent Prosthesis-Patient Mismatch on Survival Following Aortic Valve-in-Valve Procedures** Matheus Simonato dos Santos, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 162: Surgical Bioprosthesis Size Definition and Hemodynamic Performance Following Aortic Valve-in-Valve: Insights from the Valve-in-Valve International Data (VIVID) Registry** Massimo Napodano
11:25 AM	**Discussion**

Moderated Poster Session: BRS During CTO Intervention

Monday, October 30
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 4, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**BRS During CTO Intervention** **Moderators:** Salvatore Cassese, Antoine Lafont **Discussants:** Wen-Lieng Lee, Michael Luna, Kambis Mashayekhi

10:30 AM	**TCT 168: TIcaGrEloR and ABSORB Bioresorbable Vascular Scaffold Implantation for Recovery of Vascular Function After Successful Chronic Total Occlusion Recanalization** Salvatore Brugaletta
10:37 AM	**Discussion**
10:42 AM	**TCT 169: Percutaneous Coronary Intervention For Chronic Total Coronary Artery Occlusion With The Implantation Of Bioresorbable Everolimus-Eluting Scaffolds Poznan CTO-Absorb Registry** Magdalena Lanocha
10:49 AM	**Discussion**
10:54 AM	**TCT 170: Bioresorbable Scaffolds Implantation for Chronic Total Occlusion With Bifurcation Lesion** Magdalena Lanocha, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 171: Optical Coherence Tomography Evaluation of the Absorb Bioresorbable Scaffold Performance for Overlap vs Non-Overlap Segments in Patients With Coronary Chronic Total Occlusion: Insights from the GHOST-CTO Registry** Gabriel Tensol Rodrigues Pereira, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 172: Everolimus-Eluting Bioresorbable Vascular Scaffolds for Percutaneous Treatment of Chronic Total Coronary Occlusions: 1 Year Optical Coherence Tomography Findings from the GHOST-CTO Registry** Alessio La Manna, MD
11:25 AM	**Discussion**

Moderated Poster Session: CKD and Peripheral Vascular Disease and Intervention

Monday, October 30
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 3, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**CKD and Peripheral Vascular Disease and Intervention** **Moderators:** Dharam J. Kumbhani, Mitchell Weinberg **Discussants:** Iwan Dakota, Bryan T. Fisher, Prakash Krishnan, Narek Zakaryan

10:30 AM	**TCT 163: Long-term Clinical Outcomes of Patients With Chronic Kidney Disease and Critical Limb Ischemia Underwent Percutaneous Transluminal Angioplasty** Seung-Woon Rha, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 164: The Impact of Hemodialysis on Resolution of Symptoms After Endovascular Therapy for Aortoiliac Occlusive Disease: Insights From OMOTENASHI Multicenter Prospective Registry in Japan** Masafumi Ono
10:49 AM	**Discussion**
10:54 AM	**TCT 165: ESRD Patients Undergoing Angioplasty and Bypass for CLI Have Worse Outcomes Compared to Non-ESRD Patients: A Meta-analysis** Desiree Dawson, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 166: 2-year Natural History of Lower Limbs in Patients With End-stage Renal Disease on Hemodialysis Due to Diabetic Nephropathy; From PREDICT Study** Tamon Kato, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 167: One-Year Clinical Outcomes in Patients With Chronic Kidney Disease Undergoing Lower Extremity Peripheral Artery Intervention** Houman Khalili, MD
11:25 AM	**Discussion**

Moderated Poster Session: CTA, CT-FFR, and Angio-FFR

Monday, October 30
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**CTA, CT-FFR, and Angio-FFR** **Moderators:** Hector M. Garcia-Garcia, James K. Min **Discussants:** Michael E. Farkouh, Norman E. Lepor, Jan J. Piek, Armin A. Zadeh

10:30 AM	**TCT 173: Myocardial Infarction in a Real-World Population of Diabetes and Non-diabetes Patients After Coronary Computed Tomography Angiography** Kevin Kris Warnakula Olesen, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 174: Implementation of Computational Fluid Dynamics Increases the Diagnostic Performance of Angiography-derived Indices of Stenosis Severity** Hernan Mejia-Renteria, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 175: Diagnostic Performance of Fractional Flow Reserve Derived From Computed Tomography Compared to Invasive Coronary Angiography Derived Fractional Flow Reserve** Jai Parekh, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 176: Diagnostic Accuracy of Coronary Computed Tomography Angiography for the Evaluation of Bioresorbable Vascular Scaffolds** Carlos Collet, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 177: Assessing Coronary Artery Disease by Cardiac Phase Tomography Using Machine-Learned Algorithms in Obese and Elderly Subjects** Thomas D. Stuckey
11:25 AM	**Discussion**

Moderated Poster Session: Gender-related Issues II: Vascular Intervention

Monday, October 30
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 1, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**Gender-related Issues II: Vascular Intervention** **Moderators:** Patricia J. Best, Eugenia Nikolsky **Discussants:** Nishith Chandra, Claudio M Cigalini, Evgeny V. Merkulov, Kristine V Owen

10:30 AM	**TCT 153: Clinical, Social, and Behavioral Predictors of the Increased Risk of Cardiac Events After PCI in Minority Women: A Subanalysis of the PLATINUM Diversity Study** Jaya Chandrasekhar
10:37 AM	**Discussion**
10:42 AM	**TCT 154: Gender Based Assessment of Coronary Artery Disease by Cardiac Phase Tomography Using Machine-Learned Algorithms** Thomas D. Stuckey
10:49 AM	**Discussion**
10:54 AM	**TCT 155: Percutaneous Ventricular Assist Devices in Females With Acute Myocardial Infarction** Konstantinos Voudris, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 156: Are We Closing the Gender Gap in 2017? Vascular Complications Following Common Femoral Arterial Access: Then and Now** Hari Bogabathina
11:13 AM	**Discussion**
11:18 AM	**TCT 157: Gender-dependent Impact of ESC-guidelines Recommended Times to Reperfusion Therapy in STEMI Patients Undergoing Primary Percutaneous Coronary Intervention: Analysis of an 8-year All-comers Registry** Alfredo Redondo Diéguez, MD
11:25 AM	**Discussion**

Moderated Poster Session: High Risk Patients and TAVR - II

Monday, October 30
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 7, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**High Risk Patients and TAVR - II** **Moderators:** Alaide Chieffo, Olaf Wendler **Discussants:** Helene Eltchaninoff, Stephane Noble, Peter Wenaweser

10:30 AM	**TCT 183: Clinical Outcomes and Prognosis Markers Of Patients With Liver Disease Undergoing Transcatheter Aortic Valve Replacement: A Propensity Score-Matched Analysis** Luis Nombela-Franco
10:37 AM	**Discussion**
10:42 AM	**TCT 184: Transcatheter Aortic Valve Implantation In The Setting of Advanced Malignancy: 1 Year Clinical Results From a Single Center Experience** Marco Russo, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 185: Impact Of Liver Cirrhosis On Early- and Mid-Term Result After Transcatheter Aortic Valve Replacement for Sever Aortic Stenosis** Yuki Nakamura, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 186: Impact of Pulmonary Hypertension on the Outcome After Transcatheter Aortic Valve Implantation: Results From a Prospective Single-Center Registry** Stephan Haussig, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 187: Correlation Between Psoas Muscle Area and Clinical Fragility Score in Patients Undergoing Transcatheter Aortic Valve Implantation Patients** Gunduz Durmus, MD
11:25 AM	**Discussion**

Moderated Poster Session: LMCA: CABG vs PCI

Monday, October 30
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 6, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**LMCA: CABG vs PCI** **Moderators:** Expedito E. Ribeiro, Alfredo E. Rodriguez **Discussants:** Eugene H. Blackstone, Jack Boyd, Mark B. Effron, Alessio G La Manna

10:30 AM	**TCT 180: Impact of Chronic Obstructive Pulmonary Disease in Patients With Left Main Disease Randomized to PCI vs CABG: A Propensity Score Matched Analysis From the EXCEL Trial** Xin Huang, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 835: Comparison of Percutaneous Coronary Intervention and Coronary Artery Bypass Grafting for Unprotected Left Main Coronary Artery Disease in Patients with Diabetes: A Meta-Analysis** Mahin Khan, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 178: Everolimus-Eluting Stents vs Coronary Artery Bypass Graft Surgery for Left Main Coronary Artery Disease in Patients With and Without Chronic Kidney Disease** Gennaro Giustino
11:01 AM	**Discussion**
11:06 AM	**TCT 181: Outcomes of Left Main PCI vs CABG According the Number of Diseased Coronary Arteries: The EXCEL trial** Erick Schampaert
11:13 AM	**Discussion**
11:18 AM	**TCT 182: Outcomes Following Left Main PCI vs CABG in Patients With Cerebrovascular Disease: Results From the EXCEL Trial** Jamie Diamond, MD
11:25 AM	**Discussion**

Moderated Poster Session: Stroke

Monday, October 30
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 8, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**Stroke** **Moderators:** Alex Abou-Chebl, Steven R. Messe **Discussants:** Alexandra J. Lansky, Kolja Sievert

10:30 AM	**TCT 188: Budget Impact of Stroke Reduction Strategies in Atrial Fibrillation: Medicare and Patient Perspectives** Vivek Y. Reddy
10:37 AM	**Discussion**
10:42 AM	**TCT 189: High Resolution Imaging by Scanning EM, Reveals An Active Interaction Between Thrombus and Stent Retriever in Patients Treated for Acute Ischemic Stroke.** Heleen van Beusekom, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 190: Dabigatran vs Warfarin for Stroke Prevention in Patients With Atrial Fibrillation: A Post-Hoc Analysis of RE-LY Correlating Body Mass Index With Outcome According to BMI Quintiles** Mark Jacobs, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 191: Incidence, Mortality and Predictors of Stroke Risk in Patients With ST-elevation Myocardial Infarction Undergoing the Pharmaco-Invasive Therapy** Adriano Barbosa, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 192: Cystatin C and Risk of Incident CHD and Stroke Among African Americans- Jackson Heart Study.** Pradyumna Agasthi, MD
11:25 AM	**Discussion**

Moderated Poster Session: Drug-Coated Balloons and Local Drug Delivery for Denovo Lesions

Monday, October 30
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 4, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Drug-Coated Balloons and Local Drug Delivery for Denovo Lesions** **Moderators:** Bruno Scheller, Marco V. Wainstein **Discussants:** Pawel E. Buszman, Jun Jiang, Amin Ariff Nuruddin

11:30 AM	**TCT 209: Clinical Outcome of a New Generation Drug-Coated Balloon for Treatment of De Novo Coronary Lesions and In-stent Restenosis: An Insight From the DCB-RISE Registry** Bernardo Cortese
11:37 AM	**Discussion**
11:42 AM	**TCT 208: Therapeutic Efficacy of Paclitaxel-Coated Balloon for Coronary De Novo Coronary Lesions: A Single-institution Experience From China** Xue Yu, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 210: Sirolimus Coated Balloon in the Treatment of Coronary Artery Disease in Diabetic Patients: Results from Nanolute Registry** Dinesh Shah, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 211: Local Intravascular Delivery of Low-density-lipoprotein Cholesterol Causes Increased Neointimal Thickening in the Healthy Porcine Coronary Model: Insights Into Development of Model of Atherosclerosis** Piotr Buszman, MD
12:13 PM	**Discussion**
12:18 PM	**TCT 212: Statistical Comparison of the DANCE Trial 12-Month Outcomes of Adventitial Dexamethasone vs Comparator Drug-Coated Balloon Studies** Michael R. Jaff
12:25 PM	**Discussion**

Moderated Poster Session: FFR Assessment of Non-Culprit Lesions

Monday, October 30
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**FFR Assessment of Non-Culprit Lesions** **Moderators:** Valerian Fernandes, Jacek Legutko **Discussants:** Jian Liu, Vincent J. Pompili, Elias Sanidas, Neal G. Uren

11:30 AM	**TCT 213: Physiological Characterization of the Non-culprit Artery in Patients With Acute Myocardial Infarction** Enrique Gutiérrez, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 214: Fractional Flow Reserve in Non-ST Elevation Acute Myocardial Infarction: The La Spezia Registry** Marco Arena, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 215: Assessment of the Non-culprit Lesion in Patients With STEMI: A Comparison Between FFR and iFR** Nina van der Hoeven
12:01 PM	**Discussion**
12:06 PM	**TCT 216: Agreement Between iFR and FFR in Staged Follow-up Evaluation of Non-culprit Stenoses After ST-segment Elevation Myocardial Infarction (iSTEMI substudy)** Troels Thim,. MD
12:13 PM	**Discussion**
12:18 PM	**TCT 217: Fractional Flow Reserve After Percutaneous Coronary Intervention in Patients With Stable Angina, Non ST Elevation Myocardial Infarction and ST Elevation Myocardial Infarction** Rutger van Bommel
12:25 PM	**Discussion**

Moderated Poster Session: High Risk Patients and TAVR - III

Monday, October 30
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 7, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**High Risk Patients and TAVR - III** **Moderators:** Antonio L. Bartorelli, George S. Hanzel **Discussants:** G. Michael Deeb, Uzoma Ibebuogu, Elvin Kedhi, Celina Mei Yong

11:30 AM	**TCT 223: Predictive Value of Neutrophil to Lymphocyte Ratio in Transcatheter Aortic Valve Replacement Patients** Charl Khalil, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 224: Gastrointestinal Bleed Pre-Transcatheter Aortic Valve Replacement: An Independent Predictor of Mortality** Rafath Ullah, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 225: Nutritional Status in Patients Undergoing Transcatheter Aortic Valve Implantation: Does It Have A Prognostic Value?** Diego Lopez Otero, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 226: TAVR Procedures in Patients With vs Without Symptoms of Acute Heart Failure – 30-day and One-year Outcome** Tobias Schmidt, MD
12:13 PM	**Discussion**
12:18 PM	**TCT 227: Prognostic Impact of Obesity on Transcatheter Valve Implantation for Severe Aortic Valve Stenosis** Florian Deuschl, MD
12:25 PM	**Discussion**

Moderated Poster Session: New DES

Monday, October 30
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 8, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**New DES** **Moderators:** Elmir Omerovic, Pieter R. Stella **Discussants:** Raffaele Piccolo, Robert S. Schwartz, Dinesh Shah

11:30 AM	**TCT 228: Early Neointimal Coverage of New Biodegradable Polymer Drug-eluting Stent Compared With Durable Polymer Everolimus-eluting Stent: Optical Frequency Domain Imaging Analysis** Norihiro Kobayashi, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 229: One-year Clinical Outcome of Biodegradable Polymer Sirolimus-eluting Stent in All-comer Population of ULISSE Registry (ULtimaster Italian Multicentre All-comerS Stent Registry)** Cosmo Godino, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 230: Vascular Healing Response to Biodegradable-Polymer Sirolimus-eluting Stent, UltimasterTM, in Comparison With Durable-polymer Everolimus-eluting Stent, XienceTM/PromusTM, Assessed by Optical Coherence Tomography and Angioscopy at 10 Months** Amane Kozuki, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 728: Polymer-Free Sirolimus Eluting Stents in a Large Scale All Comers Population** Markus Florian Krackhardt
12:13 PM	**Discussion**
12:18 PM	**TCT 232: Late Clinical Outcomes of Diabetic Patients Treated With a Novel Third-generation Drug-eluting Stent: Highlights from Inspiron Registry** Guy Prado Jr, MD
12:25 PM	**Discussion**

Moderated Poster Session: New SYNTAX Score Studies

Monday, October 30
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 6, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**New SYNTAX Score Studies** **Moderators:** Hans R. Figulla, Mathew Williams **Discussants:** Clifford J. Kavinsky, Helge Möllmann, Terje K. Steigen

11:30 AM	**TCT 218: The 'SYNTAX Score derivatives' to Predict Clinical Outcomes after Percutaneous Coronary Intervention With Everolimus-eluting Stents for Left Main/Three Vessel Disease Patients** Jeehoon Kang, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 219: The Prognostic Value of Residual SYNTAX Score and Its Interaction With Proximal Left Anterior Descending Coronary Artery Stenosis: Data from 10,343 Consecutive Patients in Real World** Guofeng Gao, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 220: Impact of Clinical SYNTAX Score on 5 Years Clinical Outcomes in Patients Treated With Cobalt-Chromium Everolimus-Eluting Stent** Takashi Hiromasa, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 221: Treatment Recommendations Based on SYNTAX Score II and Observed 3-year Mortality in the EXCEL Trial** Patrick W. Serruys
12:13 PM	**Discussion**
12:18 PM	**TCT 222: Combined and Independent Impact of Diabetes Mellitus and Chronic Kidney Disease on Clinical Outcomes by SYNTAX Score in Patients Undergoing PCI** Birgit Vogel, MD
12:25 PM	**Discussion**

Moderated Poster Session: Renal Denervation

Monday, October 30
11:30 AM - 12:18 PM
Colorado Convention Center
Moderated Posters 3, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:18 PM

Renal Denervation

Moderators: Melvin D. Lobo, Thomas F. Luscher
Discussants: Gerardo Payro, Paul A. Sobotka

11:30 AM	**TCT 203: A Distal Mode of Renal Denervation in Segmental Branches of Renal Artery vs Conventional Main Trunk Therapy: A Double Blind Randomized Controlled Study in Patients With Resistant Hypertension** Andrei Baev, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 204: Minimizing the Sham Effect to Optimize Hypertension Studies: Analyses from the Wave IV study** Michael Gertner, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 206: Atrial Fibrillation Reduction by Renal Sympathetic Denervation (AFFORD study), One-year Outcome.** Lida Feyz, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 207: Endovascular Renal Sympathetic Denervation to Improve Heart Failure With Reduced Ejection Fraction, Preliminary Results IMPROVE-HF-I Study** Lida Feyz, MD
12:13 PM	**Discussion**

Moderated Poster Session: TAVR and Acute and Chronic Kidney Disease

Monday, October 30
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**TAVR and Acute and Chronic Kidney Disease** **Moderators:** George D. Dangas, Ganesh Manoharan **Discussants:** Stephen R. Ramee, Gert Richardt, Amit Segev, Kapil Yadav

11:30 AM	**TCT 198: Transcatheter Aortic Valve Replacement vs Conservative Management in Patients With Severe Aortic Stenosis and Advanced Kidney Disease** Guy Witberg
11:37 AM	**Discussion**
11:42 AM	**TCT 199: Acute Kidney Recovery in Patients Undergoing Transcatheter Aortic Valve Replacement** Amir Azarbal, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 200: In-Hospital Outcomes of Transcatheter Versus Surgical Aortic Valve Replacement in End Stage Renal Disease** Ahmad Alkhalil, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 201: Predictors of Acute Kidney Injury in Patients Undergoing Transcatheter Aortic Valve Replacement** Sang Yong Om, MD
12:13 PM	**Discussion**
12:18 PM	**TCT 202: Evaluation of Renal Function Improvement After Transcatheter Aortic Valve Replacement** Adriano Caixeta
12:25 PM	**Discussion**

Moderated Poster Session: Vascular Access and Closure

Monday, October 30
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Poster 1, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Vascular Access and Closure** **Moderator:** Harold L. Dauerman **Discussants:** Ronald Caputo, Gary Gershony, Mark J. Goodwin, Michael C. Kim, Gary S. Roubin

11:30 AM	**TCT 193: Effect of Access Site on Silent Cerebral Infarct in Patients Undergoing Coronary Angiography and Intervention as Detected With Neuron Specific Enolase** Hüseyin Göksülük, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 194: Vascular Closure Devices are Associated With Lower Risk of Access Site Complications in High Risk Patients: The Utility of Risk Calculator** Daniel Ortiz, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 195: Real Time Ultrasound-Guided Venous Access of the Arm for Right Heart Catheterization** Jonathan Roberts, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 196: Outcomes of Radial Compared With Femoral Artery Access in Patients Undergoing PCI for Left Main Disease: Analysis From the EXCEL Trial** Shmuel Chen, MD
12:13 PM	**Discussion**
12:18 PM	**TCT 197: Ultrasound-guided Antecubital Vein Approach for Right Heart Catheterization in a Brazilian Tertiary Center** Guilherme Pinheiro Machado, MD
12:25 PM	**Discussion**

Moderated Poster Session: BRS and New DES in Patients With Diabetes Mellitus

Monday, October 30
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 4, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**BRS and New DES in Patients With Diabetes Mellitus** **Moderators:** Joost Daemen, Jean-François Tanguay **Discussants:** Francesco Bedogni, Toshiya Muramatsu, Eliano Pio Navarese, Armando Perez de Prado

2:00 PM	**TCT 248: Absorb Bioresorbable Vascular Scaffold in Patients With or Without Diabetes Mellitus: A Sub-Analysis of the Italian Multicenter RAI Registry (ClinicalTrials.gov Identifier: NCT02298413).** Alberto Barioli, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 249: Clinical Outcomes of Biodegradable Polymer Sirolimus Eluting Stent in Diabetes Mellitus Patients.** Cosmo Godino, MD
2:19 PM	**Discussion**
2:24 PM	**TCT 250: 3-year Clinical Outcomes of Durable-Polymer Zotarolimus-Eluting and Biodegradable-Polymer Biolimus-Eluting Coronary Stents in Patients With Diabetes Mellitus (a SORT OUT VI Substudy)** Bent Raungaard, MD
2:31 PM	**Discussion**
2:36 PM	**TCT 251: Abnormal Glucose Metabolism and Adverse Event Rates 12 Months After Treatment With Contemporary Drug-Eluting Stents: Insights from the BIO-RESORT Silent Diabetes Study** Marlies Kok, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 252: Impact of Diabetes on Angina Frequency and Health Status Outcomes After Bioresorbable Scaffold Implantation** Mariusz Tomaniak, MD
2:55 PM	**Discussion**

Moderated Poster Session: CTO Outcomes

Monday, October 30
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 6, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**CTO Outcomes** **Moderators:** Georgios Sianos, Bradley H. Strauss **Discussants:** João AB Brum Silveira, Faisal Latif, Seung-Whan Lee, Lampros K. Michalis

2:00 PM	**TCT 258: Impact of Complications During Chronic Total Occlusion Angioplasty on Hospitalization Costs and Length of Stay: Insights From the OPEN-CTO Registry** Adam C. Salisbury
2:07 PM	**Discussion**
2:12 PM	**TCT 259: PERSPECTIVE Trial: Procedural, Clinical, and Health Status Outcomes Among Patients Undergoing Chronic Total Occlusion Percutaneous Revascularization** David E. Kandzari
2:19 PM	**Discussion**
2:24 PM	**TCT 260: Safety and Effectiveness of XIENCE Stents in Chronic Total Occlusion Revascularization: Long-Term Results From the EXPERT CTO Multicenter Clinical Trial** David E. Kandzari
2:31 PM	**Discussion**
2:36 PM	**TCT 261: One-year Outcomes of the Hybrid CTO Revascularization Strategy: A Sub-Analysis of the Multicenter RECHARGE Registr** Joren Maeremans, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 262: Differential Prognostic Effect of Revascularization Between Chronic Total Occlusion With Left Ventricular Systolic Dysfunction and Without That** Cheol Woong Yu, MD
2:55 PM	**Discussion**

Moderated Poster Session: FFR: Technical Considerations

Monday, October 30
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**FFR: Technical Considerations** **Moderators:** Allen Jeremias, Pim A.L. Tonino **Discussants:** Farhat Fouladvand, Richard Nicandro R Torres, Gerald S. Werner, Clemens von Birgelen

2:00 PM	**TCT 253: Clinical Feasibility of Contrast Induced Fractional Flow Reserve?cFFR?** Xinye Xu, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 254: Intracoronary vs Intravenous Infusion of Adenosine for the Accurate Assessment of Fractional Flow Reserve: the Hyperemic Study** Aung Myat, MD
2:19 PM	**Discussion**
2:24 PM	**TCT 255: Impact of Right Atrial Pressure on Fractional Flow Reserve Calculation in the Presence of a Chronic Total Occlusion** Grigoris Karamasis, MD
2:31 PM	**Discussion**
2:36 PM	**TCT 256: Post-procedural Pressure Drift at the Coronary Ostium Does Not Reflect Peri-Procedural Drift Assessed From Stenosis Hemodynamics at the Time of Physiological Appraisal** Lorena Casadonte, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 257: Influence of Heart Rate on the FFR Measurement: Experimental and Clinical Study** Przemyslaw Kwasiborski, MD
2:55 PM	**Discussion**

Moderated Poster Session: Large Bore Vascular Access and Closure

Monday, October 30
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 1, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**Large Bore Vascular Access and Closure** **Moderators:** Richard R. Heuser, Ran Kornowski **Discussants:** Carlos D Calderas, Roger J. Laham, Verghese Mathew

2:00 PM	**TCT 233: First in Man Experience With a Large Bore (?14 FR) Bio-Corrodable Vascular Closure Device** Ronald Caputo
2:07 PM	**Discussion**
2:12 PM	**TCT 234: Trends Of Access and Operative Volume Of Transcatheter Aortic Valve Replacement In The United States- Descriptive Analysis** Ahmad Alkhalil, MD
2:19 PM	**Discussion**
2:24 PM	**TCT 235: Clinical Results With A New Patch Based Bioabsorbable Percutaneous Large Hole Closure Device** Michael Laule, MD
2:31 PM	**Discussion**
2:36 PM	**TCT 236: A New Closure Device- How to Close Large Bore Sheaths With a Single Device - Leaving Nothing Behind** Rex Teeslink, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 237: Comparison of an Innovative Hybrid Closure Technique vs Conventional Vascular Closure Strategy in Large Bore Access During Mechanical Hemodynamic Support for High Risk Percutaneous Coronary Intervention** Sagger Mawri, MD
2:55 PM	**Discussion**

Moderated Poster Session: PFO and LAA Closure

Monday, October 30
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 8, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**PFO and LAA Closure** **Moderators:** Eustaquio Maria Onorato, Robert J. de Winter **Discussants:** Anibal A. Damonte, Jian Zeng Dong, Steven L. Goldberg, Harsimran Sachdeva Singh

2:00 PM	**TCT 268: Patent Foramen Ovale Closure to Treat Obstructive Sleep Apnea – the PCOSA Pilot Study.** Stephen Hoole, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 269: PFO Closure is Superior to Medical Therapy for Cryptogenic Stroke: A Meta-analysis of Randomised Controlled Trials** Yousif Ahmad
2:19 PM	**Discussion**
2:24 PM	**TCT 270: Comparison of Cardiac Computerized Tomography Angiography and Transesophageal Echocardiography For Device Surveillance After Endovascular Left Atrial Appendage Closure** Jacqueline Saw
2:31 PM	**Discussion**
2:36 PM	**TCT 271: Percutaneous Suture-mediated Patent Foramen Ovale (PFO) Closure: Early Results With NobleStitchEL Device** Achille Gaspardone, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 272: Impact of Dual Antiplatelet Therapy on Device Thrombosis after Left Atrial Appendage Occlusion** Radoslaw Pracon, MD
2:55 PM	**Discussion**

Moderated Poster Session: TAVR Complications

Monday, October 30
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 7, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**TAVR Complications** **Moderators:** Haim Danenberg, Kendrick A Shunk **Discussants:** Somjot S. Brar, James Cockburn, Alan C. Yeung

2:00 PM	**TCT 263: Quality of Life Outcomes in Transcatheter Aortic Valve Replacement Patients Requiring Pacemaker Implantation** Tharmathai Ramanan, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 264: Intracardiac Shunts Following Transcatheter Aortic Valve Implantation: A Multicentre Study** Ignacio Amat-Santos
2:19 PM	**Discussion**
2:24 PM	**TCT 265: Impact of Peri-procedural Complications on Mortality and Quality of Life after TAVR** Suzanne Arnold, MD
2:31 PM	**Discussion**
2:36 PM	**TCT 266: Complications of Indwelling Urinary Catheters In Patients Undergoing Transcatheter Aortic Valve Replacement** Joshua Lampert, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 267: Pacemaker-related Complications in Patients Undergoing Transcatheter Aortic Valve Implantation: A Single-center Experience.** Damiano Regazzoli
2:55 PM	**Discussion**

Moderated Poster Session: TAVR Economics

Monday, October 30
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**TAVR Economics** **Moderators:** Suzanne J. Baron, Peter C. Block **Discussants:** William F. Fearon, John K. Forrest, Darren Mylotte

2:00 PM	**TCT 238: Applying Lean Processes to TAVR Work Flow to Reduce Waste and Improve Cost Saving Of TAVR Program** Zaher Fanari, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 239: Comparison of Safety and Periprocedural Complications of Transfemoral Aortic Valve Replacement in Local Anesthesia in Reduced vs Complete Heart Team** Michal Droppa, MD
2:19 PM	**Discussion**
2:24 PM	**TCT 240: Pre-operative Risk and Its Effect on Total Costs After Transcatheter Aortic Valve Replacement** Alexis Okoh
2:31 PM	**Discussion**
2:36 PM	**TCT 241: Outcomes With General Anesthesia Compared to Conscious Sedation in Patients Undergoing Transcatheter Aortic Valve Replacement** Rosemary Hansen, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 242: Cost Savings Associated With Next-day Discharge Among US Medicare Beneficiaries Undergoing Transcatheter Aortic Valve Replacement** Sandra Lauck
2:55 PM	**Discussion**

Moderated Poster Session: Treatment of Octogenarians and Nonagenarians

Monday, October 30
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 3, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**Treatment of Octogenarians and Nonagenarians** **Moderators:** Debabrata Mukherjee, Marco A. Perin **Discussants:** Mark J. Goodwin, Haibo Jia, Amit N. Patel, Marin Postu

2:00 PM	**TCT 243: Evolution of Length of Stay after Surgical and Transfemoral or Trans-subclavian Transcatheter Aortic Valve Replacement in 1,849 Elderly Patients** Annamaria Dachille, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 244: Comparison of In-hospital Outcomes Between Octogenarians and Nonagenarians Undergoing Transcatheter Aortic Valve Replacement With Severe Aortic Stenosis: A Propensity Matched Analysis From National Inpatient Sample** Rajkumar Doshi, MD
2:19 PM	**Discussion**
2:24 PM	**TCT 245: TF-AVI In an Ageing Population: A Single Center, Retrospective Comparison of 47 Nonagenarians With 552 Patients Aged Under 90** Jeroen Vendrik, MD
2:31 PM	**Discussion**
2:36 PM	**TCT 246: Temporal Trends and Outcomes of Percutaneous Coronary Interventions in Nonagenarians – A National Perspective** Kashish Goel, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 247: Re-infarction and Mortality After STEMI in Octogenarian Population** Dominika Klimczak, MD
2:55 PM	**Discussion**

Moderated Poster Session: Cardiac Surgery

Monday, October 30
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 3, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**Cardiac Surgery** **Moderators:** Francisco A Arabía, Isaac George **Discussants:** G. Michael Deeb, Miguel Sousa Uva, Thomas Walther

3:00 PM	**TCT 283: Comparison of Transcatheter Mitral Valve Repair vs Surgical Mitral Valve Repair in Patients With Advanced Kidney Disease: Insights from The National (Nationwide) Inpatient Sample (NIS)** Rajkumar Doshi, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 284: DuraGraft, A One-Time Intraoperative Treatment Against Vein Graft Failure: A Randomized Multicenter Trial Using Longitudinal MDCT Angiography Analysis in Patients Undergoing CABG** Louis Perrault, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 285: How Appropriate is Coronary Artery Bypass Graft Implantation Based on Fractional Flow Reserve Lesions Assessment?** Samer Mansour, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 286: Contemporary Outcomes of Isolated Bioprothestic Mitral Valve Replacement: A Benchmark for Transcatheter Mitral Valve Replacement** Fahad Alqahtani, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 287: Comparison of Multivessel Percutaneous Coronary Intervention With Coronary Artery Bypass Graft Surgery for Patients With Severe Coronary Artery Disease Presenting With Non-ST-Segment Elevation Acute Coronary Syndromes** Piotr Desperak, MD
3:55 PM	**Discussion**

Moderated Poster Session: Coronary Thrombus

Monday, October 30
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 8, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**Coronary Thrombus** **Moderators:** Giampaolo Niccoli, Carlos E. Uribe **Discussants:** Rajan A. Patel, Paul Rees, Sheila Sahni

3:00 PM	**TCT 308: Thrombus Composition and Malapposition of Stent Struts Independently Affect Early Endothelialization.** Heleen van Beusekom, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 309: Underlying Plaque, Not Platelet Inhibition Is Associated With Optical Coherence Tomography Detected Intra-Procedural Thrombus** Masaru Ishida, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 310: Short- and Long-Term Clinical Impact of Tissue Protrusion After Second-Generation Drug-Eluting Stent Implantation for Acute Coronary Syndrome** Yoriyasu Suzuki, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 311: A Novel Experimental Thrombotic Myocardial Infarction and Primary Angioplasty Model in Atherosclerotic Swine** Georgios Sideris, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 312: The Impact of Platelet-Fibrin Clot Strength and Endogenous Fibrinolytic Activity on Adverse Cardiac Events After Percutaneous Coronary Intervention in Patients With Coronary Artery Disease** Jong-Hwa Ahn, MD
3:55 PM	**Discussion**

Moderated Poster Session: CTO Long-term Outcome

Monday, October 30
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 6, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**CTO Long-term Outcome** **Moderators:** Alfredo R. Galassi, Hadley Wilson **Discussants:** Omer Goktekin, Yue Li, Ricardo Quizhpe, Liliya Sorokhtey

3:00 PM	**TCT 298: Incidence, Predicting Factors, and Clinical Outcomes of Periprocedural Myocardial Infarction After Percutaneous Coronary Intervention of Chronic Total Occlusion in the New-Generation Drug-Eluting Stents Era** Jin-Ho Kim, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 299: Impact of Complete Revascularization on Long-term Clinical Outcomes in Chronic Total Occlusion Patients With Multi-vessel Disease** Seung-Woon Rha, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 300: Five-Year Major Clinical Outcomes Between First-vs Second-Generation Drug-Eluting Stents in Coronary Chronic Total Occlusions: Propensity Score Matched Analysis** Seung-Woon Rha, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 301: Long-Term Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention in Patients With vs Without Prior Coronary Artery Bypass Graft Surgery** Lorenzo Azzalini, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 302: Impact of incomplete Revascularization on Long-Term Outcomes Following Chronic Total Occlusion Percutaneous Coronary Intervention** Lorenzo Azzalini, MD
3:55 PM	**Discussion**

Moderated Poster Session: Imaging Guided PCI

Monday, October 30
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**Imaging Guided PCI** **Moderators:** John McB. Hodgson, Andrzej J. Ochala **Discussants:** Peter Barlis, Javaid Iqbal, Anuruck Jeamanukoolkit

3:00 PM	**TCT 293: Is it Possible to Predict Fractional Flow Reserve in Side Branch After Main Vessel Stenting in Coronary Bifurcation Lesions by Means of Intracoronary Electrocardiogram? A Proof of Concept FFRvs.icECG** Kiril Karamfiloff, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 294: Optical Coherence Tomography or Intravascular Ultrasound Guided PCI Leads to Superior Clinical Outcomes in Comparison to Conventional Coronary Angiography: A network Meta-analysis of Randomized Controlled Trials** Sukhchain Singh, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 295: Role of OCT in Identifying Sub-optimal Stent Positioning and Predicting MACE in a Head to Head Comparison With Angiography. A CLIO-PCI II Sub-study** Laura Gatto, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 296: Impact of Baseline Positive Coronary Artery Remodeling on 2-year Outcomes After IVUS-guided PCI: The ADAPT-DES IVUS Sub-Study** Song-Yi Kim, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 297: External Elastic Lamina vs Luminal Diameter for Determination of Stent Diameter by Optical Coherence Tomography** Yasir Parviz, MD
3:55 PM	**Discussion**

Moderated Poster Session: Long-term BRS Follow-up

Monday, October 30
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 4, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**Long-term BRS Follow-up** **Moderators:** Corrado Tamburino, Stefan Verheye **Discussants:** Srihari S. Naidu, Masato Nakamura, David G. Rizik, Chiung Jen Wu

3:00 PM	**TCT 288: Safety and Clinical Performance of the Drug Eluting Absorbable Metal Scaffold in the Treatment of Subjects With de Novo Lesions in Native Coronary Arteries at 24 Month Follow-up-BIOSOLVE-II** Ron Waksman
3:07 PM	**Discussion**
3:12 PM	**TCT 289: Bioresorbable Vascular Scaffold Resorption and Integration into Arterial Wall in the Porcine Model of Spontaneous Untreated Atherosclerosis: A 4-Year OCT Study** Yanping Cheng, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 290: Long-Term Integration of Bioresorbable Vascular Scaffold in the Porcine Coronary Model of Spontaneous Untreated Atherosclerosis: a 4-year QCA, IVUS, OCT, and Histology Study** Yanping Cheng, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 291: 3-year Results of Patients Undergoing Everolimus-Eluting Bioresorbable Scaffolds Implantation During Daily Clinical Routine** Jens Wiebe, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 292: Everolimus Eluting Biorresorbable Vascular Scaffold: Impact of Lesions Complexity on Clinical Outcome and Predictors of Adverse Cardiac Events at Long Term Follow Up** Javier Suarez De Lezo
3:55 PM	**Discussion**

Moderated Poster Session: Low Flow and Low Gradient AS and TAVR

Monday, October 30
3:00 PM - 3:48 PM
Colorado Convention Center
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 3:48 PM	**Low Flow and Low Gradient AS and TAVR** **Moderators:** Joseph P. Carrozza Jr, Howard C. Herrmann **Discussants:** Stanley J. Chetcuti, Hemal Gada, Neal S. Kleiman, Peter Wenaweser

3:00 PM	**TCT 786: Antithrombotic Management for Atrial Fibrillation Patient Undergoing Transcatheter Aortic Valve Replacement** M Chadi Alraies, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 279: Baseline and Dobutamine Stress Hemodynamic Physiology of the Stenotic Aortic Valve Before and After Transcatheter Valve Implantation** Jo Zelis, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 281: Prognostic Relevance of Left Ventricular Myocardial Performance Following Transcatheter Aortic Valve Replacement** Masahiko Asami, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 282: Long Term Outcomes of TAVR on Paradoxical Low Flow Low Gradient Severe Aortic Stenosis.** Mohamad Kabach, MD
3:43 PM	**Discussion**

Moderated Poster Session: Pulmonary Embolism and Hypertension

Monday, October 30
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 1, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**Pulmonary Embolism and Hypertension** **Moderators:** Francesco Saia, Thomas M. Tu **Discussants:** Rajesh Gupta, Rik Hermanides, Kusum Lata, Peter P. Monteleone

3:00 PM	**TCT 598: Ultrasound-Assisted vs Standard Catheter-Directed Thrombolysis for Intermediate Risk Pulmonary Embolism: A Multi-Center Experience** Gaurav Rao, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 599: RV/LV Ratio by Computed Tomography Poorly Predicts RV Dysfunction or Invasive Hemodynamics in Patients With Acute Pulmonary Embolism** Alexandru Marginean, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 600: Extending of Indications for Balloon Pulmonary Angioplasty in CTEPH Patients With Proximal Type of Lesion** Nickolay Danilov, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 601: Focused Balloon Pulmonary Angioplasty for Truly Non-surgical Chronic Thromboembolic Pulmonary Hypertension – the UK Experience** Stephen Hoole, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 602: Refined Balloon Pulmonary Angioplasty In Patients With Chronic Thromboembolic Pulmonary Hypertension - 100 BPA Sessions Without Major Complications In A Single Center** Marek Roik, MD
3:55 PM	**Discussion**

Moderated Poster Session: TAVR Technique

Monday, October 30
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 7, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**TAVR Technique** **Moderators:** Jean-Claude Laborde, Azfar G. Zaman **Discussants:** Martin Hudec, Dhaker Lahidheb, Talib Majwal

3:00 PM	**TCT 303: Balloon Predilation in Transcatheter Aortic Valve Replacement With Self-Expanding Valves** Hasan Rehman, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 304: Impact of Predilation Before TAVI With Five Leading New-generation TAVI Devices: Early Results From the RISPEVA Study** Giuseppe Biondi-Zoccai
3:19 PM	**Discussion**
3:24 PM	**TCT 307: Rapid Ventricular Pacing is Associated With Worse Outcomes After Trans-Catheter Aortic Valve Replacement** Amit Segev
3:31 PM	**Discussion**
3:36 PM	**TCT 306: Transcatheter Aortic Valve Replacement With Extremely Large Annuli Greater Than 683 mm2 Using Edwards Sapien 3 Valve – A Multicenter Experience** Gilbert H.L. Tang
3:43 PM	**Discussion**
3:48 PM	**TCT 305: Importance of Contrast Aortography With Lotus Transcatheter Aortic Valve Replacement – A Post Hoc Analysis From the RESPOND Post-market Study** Lennart van Gils
3:55 PM	**Discussion**

Edited Taped Cases 1: Coronary and Endovascular Intervention

Monday, October 30
9:30 AM - 10:50 AM
Colorado Convention Center
Presentation Theater 4, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:50 AM	**Edited Taped Cases 1: Coronary and Endovascular Intervention** **Moderators:** Peter L Duffy, Yuejin Yang **Discussants:** Khaled Almerri, Prashant Kaul

9:30 AM	**Novel Technique: Use of "Mother in Child" Guideliner Catheter as a Conduit for Optimal Visualization and Deployment of Stents in Coronary Ostial Lesions** **Case Presenter:** Harinder K Bali
9:42 AM	**Discussion**
9:50 AM	**Real-Time Intra-Procedural LVEDP and Cardiac Power Output With the Impella Heart Pump** **Case Presenter:** Mir Babar Basir
10:02 AM	**Discussion**
10:10 AM	**Tack Implants for Below the Knee Arterial Dissections: a Case From the Tack Optimized Balloon Angioplasty II for the Below-the-Knee Arteries (TOBA II BTK) Trial** **Case Presenter:** Nicolas W Shammas
10:22 AM	**Discussion**
10:30 AM	**Left Trans-Radial Robotic PCI of Obtuse Marginal** **Case Presenter:** Paul T Campbell
10:42 AM	**Discussion**

Edited Taped Cases 2: Mitral Valve Therapy and Other Structural Heart Disease Topics

Monday, October 30
3:00 PM - 4:20 PM
Colorado Convention Center
Presentation Theater 4, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:20 PM	**Edited Taped Cases 2: Mitral Valve Therapy and Other Structural Heart Disease Topics** **Moderators:** Vasilis Babaliaros, Shmuel Banai **Discussants:** Patrice Guerin, Branislav Liska

3:00 PM	**Intracardiac Endoscopic View of a Step by Step Transcatheter Mitral Valve Implant and Tricuspid Regurgitation Transcatheter Treatment in a Beating Porcine Heart** **Case Presenter:** Guido Gelpi
3:12 PM	**Discussion**
3:20 PM	**Percutaneous Mitral Valve-in Valve Implantation With SAPIEN 3 Prosthesis Using an Anterograde Transvenous Transseptal Approach** **Case Presenter:** Caterina Gandolfo
3:32 PM	**Discussion**
3:40 PM	**Transcatheter Closure of a Sinus Venosus ASD With Partial Anomalous Pulmonary Venous Connection** **Case Presenter:** John P. Breinholt
3:52 PM	**Discussion**
4:00 PM	**Transcatheter Left Ventricular Reconstruction for Treatment of Post-Myocardial Infarction Ischemic Cardiomyopathy** **Case Presenter:** Andrew Wechsler
4:12 PM	**Discussion**

Interventional Innovation I: Emerging Devices and Technological Concepts

Monday, October 30
8:00 AM - 12:30 PM
Colorado Convention Center
Mile High Ballroom 2A-3A, Ballroom Level
Accreditation: none

8:00 AM - 9:12 AM	**Session I: Advanced Diagnostics, Robotics and Tele-manipulation** **Moderators:** Bernard De Bruyne, Evelyn S. Regar **Discussants:** Ziad A. Ali, Jose de Ribamar Costa Jr, Justin E. Davies, William F. Fearon, Ning Guo, Farouc Jaffer, Giora Weisz

	8:00 AM	**Featured Lecture: Technological Evolution of Cath-lab Technologies: Impact of Advanced Imaging Diagnostics on Procedural Flow and Interventional Procedures** Giora Weisz
	8:07 AM	**Diastolic-systolic Velocity Ratio to Detect Coronary Stenosis** Guus de Waard
	8:14 AM	**Diagnostic Performance of Virtual FFR Derived From Routine Coronary Angiography Using 1D Flow Modelling: Validation Against Conventional FFR** Kevin Mohee
	8:21 AM	**Computational Fractional Flow Reserve Derived From 3-D IVUS: A New Algorithm of Fusion Between Anatomy and Physiology** Cristiano Guedes Bezerra
	8:28 AM	**Roundtable Discussion With Audience Q&A**
	8:35 AM	**Noninvasive Detection of Coronary Artery Disease Using Resting Phase Signals and Advanced Machine Learning** Thomas D. Stuckey
	8:42 AM	**The CADence Device in the Physiologic Evaluation of Acoustic Coronary Turbulence** Joseph Thomas
	8:49 AM	**Safety and Feasibility of a Novel, Second Generation Robotic-assisted System for Percutaneous Coronary Intervention: First-in-Human Report** Christopher Smitson
	8:56 AM	**Will Robotic Technology Ever Facilitate Tele-stenting Over Long Geographic Distances?** Ryan D. Madder
	9:03 AM	**Roundtable Discussion With Audience Q&A**

9:10 AM - 10:40 AM

Session II: TAVR Innovation and 3D-Printing

Moderators: Nicolo Piazza, Josep Rodés-Cabau
Discussants: Philipp Blanke, Charles J. Davidson, Mayra Guerrero, Jacqueline Saw, Didier Tchetche, Mathew Williams

	9:10 AM	**Featured Lecture: TAVR Innovation: Unresolved Clinical Issues and Opportunities For Further Technology Optimization** Nicolo Piazza
	9:17 AM	**Effect of a New Enhanced Fluoroscopy Technology (Valve ASSIST2) on Contrast and Radiation Use in Patients Undergoing TAVR** Ali Shafiq
	9:24 AM	**Transcatheter Aortic Valve Replacement With the HLT Meridian® Valve: Initial Clinical Experience** Josep Rodés-Cabau
	9:31 AM	**First-in-Man Experience With a Large Bore (?14 FR) Bio-Resorbable Vascular Closure Device** Ronald Caputo
	9:38 AM	**Human Cell Derived Off-The-Shelf Tissue Engineered Heart Valves for Next Generation TAVR: A Proof-of-Concept Study in Adult Sheep** Valentina Lintas
	9:45 AM	**Perfusion-balloon Valvuloplasty Facilitating TAVR Without Rapid Pacing: The TRUE-FLOW Study** Felix Woitek
	9:52 AM	**First-in-Human Study of a Novel Transradial Device for Intra-aortic Embolic Deflection During TAVR Implantation** Darren Mylotte
	9:59 AM	**Roundtable Discussion With Audience Q&A**
	10:07 AM	**Three-dimensional (3D) Printing of the Heart: The Geisinger Experience** Kishore J. Harjai
	10:14 AM	**The Value of 3D Printed Models for Device Sizing in Percutaneous LAA Occlusion** Vlad Ciobotaru
	10:21 AM	**The BIOMODEX 3D-printed Patient Specific Models for Interventional Cardiology Planification** Thomas Marchand
	10:28 AM	**Roundtable Discussion With Audience Q&A**

10:36 AM - 11:16 AM

Session III: Endovascular Innovation I

Moderators: Tony Das, Thomas Zeller
Discussants: Eric J. Dippel, Jay S. Giri, William A. Gray, Grzegorz Halena, MD, Sahil A. Parikh, Krishna J. Rocha-Singh

	10:36 AM	**The PRELUDE Study: Prospective Study for the Treatment of Atherosclerotic Lesions in the Superficial Femoral and/or Popliteal Arteries Using the Serranator® Device** William A. Gray
	10:44 AM	**The BioMimics 3DTM Stent System in the Femoropopliteal Arteries of Patients With Symptomatic Peripheral Arterial Disease: Clinical and Angiographic Performance in the MIMICS-2 Study** Georgios Bouras
	10:52 AM	**Percutaneous Femoropopliteal Bypass Using the Novel PQ Bypass DETOUR Procedure for Long-Segment Disease: Interim Safety and Efficacy Data from the DETOUR I Trial** Grzegorz Halena, MD
	11:00 AM	**Drug Eluting Scaffold With an Absorbable Platform for Primary Lower Extremity Arterial Revascularization – DESappear Study Initial Results** Thomas Zeller
	11:08 AM	**Roundtable Discussion With Audience Q&A**
11:16 AM - 12:30 PM	**Session IV: Transseptal and Tricuspid Technologies** **Moderators:** Juan F. Granada, Samir R. Kapadia, Duane S. Pinto **Discussants:** Anita Asgar, Steven R. Bailey, Rebecca T. Hahn, Fabian Nietlispach, Yan Toplisky	
	11:16 AM	**Self-positioning Trans-septal Steerable System: Results From the TSP Crosser Clinical Study** Karl-Heinz Kuck
	11:24 AM	**Initial Clinical Experience With the Flex-point Steerable Trans-septal Needle in Left-sided Structural Heart Procedures** Jason H. Rogers
	11:32 AM	**The KAPSUS Trans-septal System: Device Description and FIM Experience** Horst Sievert
	11:40 AM	**Roundtable Discussion With Audience Q&A**
	11:48 AM	**Which Patients Are Undergoing Transcatheter Tricuspid Repair Today? An Update From the International Multicenter Trans-catheter Tricuspid Valve Therapies (TriValve) Registry** Maurizio Taramasso
	11:56 AM	**The New 4Tech Approach for Percutaneous Tricuspid Valve Repair** Vinayak Bapat
	12:04 PM	**Transcatheter Pledget-assisted Suture Tricuspid Annuloplasty (PASTA)** Jaffar M Khan
	12:12 PM	**The NaviGate Trans-catheter Tricuspid Valved Stent System: First-in-Human Experience** Jose Luis Navia
	12:20 PM	**Roundtable Discussion With Audience Q&A**
	12:30 PM	**Adjourn**

Presentation Theater Program: Antiplatelet Therapy for Contemporary PCI (Sponsored by Chiesi USA, Inc.)

Monday, October 30
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 4, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM **Antiplatelet Therapy for Contemporary PCI**

Facultys: C. Michael Gibson, Mitul Patel

11:30 AM	**Understand the Need for Platelet Inhibition During PCI; Identify the Biologic Targets to Achieve Platelet Inhibition** C. Michael Gibson
11:55 AM	**Review the Clinical Data and Current Clinical Guideline Recommendations for Antiplatelet Therapy** Mitul Patel
12:20 PM	**Session Q&A** C. Michael Gibson, Mitul Patel
12:30 PM	**Adjourn**

Presentation Theater Program: Claret Medical - Leadership in Protected TAVR With Sentinel As a Standard of Care (Sponsored by Claret Medical)

Monday, October 30
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 5, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM **Claret Medical: Leadership in Protected TAVR With Sentinel As a Standard of Care**

Chairs: Martin B. Leon, Raj Makkar
Facultys: Hemal Gada, Samir R. Kapadia, Susheel K. Kodali, Steven R. Messe, Adnan Siddiqui, Didier Tchetche, Jochen Wöhrle

11:30 AM	**CHAIRPERSON OPENING: Cerebral Embolic Protection - Where Are We and Where Do We Go From Here?** Martin B. Leon
11:40 AM	**Real-world Data Demonstrating Reduction in Clinical Stroke and Mortality in TAVR With Sentinel: A 1,000+ Patient-Level Meta-analysis** Jochen Wöhrle
11:50 AM	**CNS Infarcts: Importance of Ascertainment and Avoidance of All Forms of Injury in Aortic Valve Interventions** Adnan Siddiqui
12:00 PM	**The Societal Impact of Stroke in TAVR: How Does Sentinel Fit Into the Cost Spectrum of TAVR?** Hemal Gada
12:10 PM	**Panel Q&A** **Moderators:** Martin B. Leon, Raj Makkar **Discussants:** Hemal Gada, Samir R. Kapadia, Susheel K. Kodali, Steven R. Messe, Adnan Siddiqui, Didier Tchetche, Jochen Wöhrle
12:20 PM	**CHAIRPERSON CLOSE: How the Use of Sentinel Will Strenghten Your TAVR Practice** Raj Makkar
12:30 PM	**Adjourn**

Presentation Theater Program: Complex Radial PCI - Individualized Treatment Decision and Novel Technology to Improve Patient Outcome (Sponsored by Medtronic)

Monday, October 30
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 1, Theater Wing, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Complex Radial PCI: Individualized Treatment Decision and Novel Technology to Improve Patient Outcome** **Chair:** Curtiss T. Stinis **Faculty:** Douglas G. Fraser

11:30 AM	**Complex Radial PCI Introduction** Curtiss T. Stinis
11:38 AM	**Case Presentation: Dual Vessel Disease** **Case Presenter:** Ju-Ying Qian
11:46 AM	**Discussion** **Discussant:** Curtiss T. Stinis
11:53 AM	**Case Presentation: Difficult to Cross Lesions**
12:01 PM	**Discussion** **Discussant:** Curtiss T. Stinis
12:08 PM	**Case Presentation: Calcified Vessel Requiring Atherectomy** **Case Presenter:** Darren L. Walters
12:16 PM	**Discussion**
12:23 PM	**Complex Radial PCI Conclusion** Curtiss T. Stinis
12:30 PM	**Adjourn**

Presentation Theater Program: Elevating Treatment in Complex PCI (Sponsored by Abbott)

Monday, October 30
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 3, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Elevating Treatment in Complex PCI** **Facultys:** Colm Hanratty, Jaikirshan Khatri, David Strelow

11:30 AM	**Welcome**
11:35 AM	**Defining Complex PCI and Goals of the Procedure** Colm Hanratty
11:50 AM	**Complex PCI Tools and Techniques** Jaikirshan Khatri
12:05 PM	**Building a Complex PCI Program** David Strelow
12:20 PM	**Closing and Q&A**
12:30 PM	**Adjourn**

Presentation Theater Program: Optimizing Outcomes in Complex Coronary Disease and Stellarex Drug-coated Balloon for SFA/POP (Sponsored by Spectranetics Corporation)

Monday, October 30
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 2, Theater Wing, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Optimizing Outcomes in Complex Coronary Disease and Stellarex Drug-coated Balloon for SFA/POP** **Co-Chairs:** David E. Kandzari, Jasvindar Singh **Facultys:** Hiram G. Bezerra, Creighton W. Don, Jeffrey W. Moses, Khusrow Niazi

11:30 AM	**Stellarex Next Generation DCB for the SFA** **Moderator:** David E. Kandzari Khusrow Niazi
11:40 AM	**Optimizing Outcomes in Complex Coronary Disease and Stellarex DCB for SFA/POP** **Moderator:** David E. Kandzari
11:50 AM	**Coronary ISR: It's a Problem and Only Getting Worse** **Moderator:** David E. Kandzari Creighton W. Don
12:05 PM	**Mechanism of Action: Laser As a Therapy for ISR** **Moderator:** David E. Kandzari Hiram G. Bezerra
12:18 PM	**Seeing the Light: I Thought Laser Didn't Work in Calcium** **Moderator:** David E. Kandzari Jeffrey W. Moses
12:30 PM	**Adjourn**

Presentation Theater Program: Complex and Higher Risk Indicated Patient (CHIP) Treatment Guided by OCT (Sponsored by Abbott)

Monday, October 30
1:00 PM - 2:00 PM
Colorado Convention Center
Presentation Theater 3, Exhibit Hall, Exhibit Level
Accreditation: none

Facultys: Ziad A. Ali, Jonathan M. Hill, Ulf Landmesser, Richard Shlofmitz

1:00 PM - 2:00 PM	**Complex and Higher Risk Indicated Patient (CHIP) Treatment Guided by OCT** **Facultys:** Ziad A. Ali, Jonathan M. Hill, Ulf Landmesser, Richard Shlofmitz

1:00 PM	**Introduction and ILUMIEN IV** Ziad A. Ali, Ulf Landmesser
1:05 PM	**CHIP OCT Case - STE-ACS** Ulf Landmesser
1:10 PM	**CHIP OCT Case - NSTE-ACS** Ulf Landmesser
1:15 PM	**CHIP OCT Case - Bifurcation With 2 Planned Stents** Richard Shlofmitz
1:20 PM	**CHIP OCT - Angiographic Severe Ca2+** Richard Shlofmitz
1:25 PM	**CHIP OCT Case - CTO (Crossed and Pre-Dilated)** Jonathan M. Hill
1:30 PM	**CHIP OCT Case - Long or Multiple Lesions (Stent Length >28mm)** Jonathan M. Hill
1:35 PM	**CHIP OCT Case - In-Stent Restenosis** Ziad A. Ali
1:40 PM	**CHIP OCT Case - Medically Treated DM** Ziad A. Ali
1:45 PM	**Group Discussion and Q&A** Ziad A. Ali

Presentation Theater Program: DES and Scaffolds: Why You Need Both (Sponsored by BIOTRONIK AG)

Monday, October 30
1:00 PM - 2:00 PM
Cardiovascular Research Foundation
Presentation Theater 2, Theater Wing, Exhibit Level
Accreditation: none

1:00 PM - 2:00 PM	**DES and Scaffolds: Why You Need Both** **Co-Chairs:** Ron Waksman, Clemens von Birgelen **Facultys:** Michael Haude, Michael Joner, Jacques J. Koolen, William C. Wijns

1:00 PM	**Introduction to Magmaris** Clemens von Birgelen
1:04 PM	**Learning From BIOFLOW-V** Jacques J. Koolen
1:13 PM	**Why Do We Need Scaffolds?** William C. Wijns
1:21 PM	**Live-in-the-Box: Complex Lesion Treated With a Hybrid Approach** Michael Haude
1:47 PM	**How Does the Combination of Scaffold Design and Material Maximize Safety Through Reduced Risk of Scaffold Thrombosis?** Michael Joner
1:57 PM	**Key Learnings and Takeaway** Ron Waksman
2:00 PM	**Adjourn**

Presentation Theater Program: Innovative Technologies to Improve Outcomes in CHIP - A Case-Based Approach (Sponsored by Boston Scientific Corporation)

Monday, October 30
1:00 PM - 2:00 PM
Colorado Convention Center
Presentation Theater 4, Exhibit Hall, Exhibit Level
Accreditation: none

1:00 PM - 2:00 PM	**Innovative Technologies to Improve Outcomes in CHIP: A Case-Based Approach** **Chairs:** J. Aaron Grantham, David E. Kandzari **Facultys:** Khaldoon Alaswad, Farouc Jaffer, Adam C. Salisbury

1:00 PM	**Introduction** David E. Kandzari
1:02 PM	**Surgical Turndown for the OPTIMUM Study** Adam C. Salisbury
1:16 PM	**Advancing CTO PCI With CT Imaging** Farouc Jaffer
1:30 PM	**Multivessel Disease With Rotational Atherectomy and IVUS** Khaldoon Alaswad
1:44 PM	**What Does It Mean to Be A CHIP Operator?** J. Aaron Grantham
2:00 PM	**Adjourn**

Presentation Theater Program: Predictable Treatment of Complex Bifurcations using the TRYTON Side Branch Stent (Sponsored by Cordis, A Cardinal Health Company)

Monday, October 30
1:00 PM - 2:00 PM
Colorado Convention Center
Presentation Theater 5, Exhibit Hall, Exhibit Level
Accreditation: none

1:00 PM - 2:00 PM	**Predictable Treatment of Complex Bifurcations using the TRYTON Side Branch Stent** **Co-Chairs:** David E. Kandzari, Aaron V. Kaplan **Facultys:** Philippe Genereux, D. Christopher Metzger, Joel E. Schneider

1:00 PM	**TRYTON - How Did We Get Here?** Aaron V. Kaplan
1:08 PM	**A New Perspective: Results of a Pooled Analysis**
1:18 PM	**A Case-Based Illustration of the Strategy** Philippe Genereux
1:28 PM	**TRYTON Post Approval Study** Joel E. Schneider
1:38 PM	**Practical Pointers: Tips for Technical Success** D. Christopher Metzger
1:48 PM	**The Future of TRYTON** David E. Kandzari
1:57 PM	**Q&A** **Discussants:** Philippe Genereux, David E. Kandzari, Aaron V. Kaplan, D. Christopher Metzger, Joel E. Schneider
2:00 PM	**Adjourn**

Presentation Theater Program: TAVR in the US: Navigating the Economic Landscape in 2017 and Beyond (Sponsored by CRF, Supported by Edwards Lifesciences)

Monday, October 30
1:00 PM - 2:00 PM
Colorado Convention Center
Presentation Theater 1, Theater Wing, Exhibit Level
Accreditation: CME

1:00 PM - 2:00 PM	**TAVR in the US: Navigating the Economic Landscape in 2017 and Beyond** **Chair:** Hemal Gada **Facultys:** David J. Cohen, James E. Harvey MD, J.Bradley Oldemeyer , MD, Michael J. Rinaldi, Mathew Williams

1:00 PM	**Practical Perspective-Based Health Economic Analysis** Hemal Gada
1:07 PM	**An Analysis of Societal Cost-Effectiveness of TAVR in Current and Lower- Risk Populations** David J. Cohen
1:18 PM	**Provider Perspective of Current TAVR Cost-Effectiveness: Hard Dollars, Hard Sense** Michael J. Rinaldi
1:28 PM	**Nurturing the Minimalist/Optimalist Approach: The Past, The Present, The Future** J.Bradley Oldemeyer
1:35 PM	**The Impact of Bundled Payment for Care Improvement: TAVR vs SAVR** Mathew Williams
1:45 PM	**Before and After TAVR: Preparing Patients and Reducing Post-Procedure Resource Consumption** James Harvey
1:54 PM	**Discussion**
2:00 PM	**Adjourn**

Evening Program: DynamX, Redefining Interventional Cardiology for Tomorrow (Sponsored by Elixir Medical Corporation)

Monday, October 30
6:00 PM - 8:00 PM
Hyatt Regency Denver at Colorado Convention Center
Centennial Ballroom D-E
Accreditation: none

6:00 PM - 6:30 PM	**Check-in & Reception**
6:30 PM - 8:00 PM	**DynamX: Redefining Interventional Cardiology for Tomorrow** **Co-Chairs:** Dean J. Kereiakes, Martin B. Leon, Stefan Verheye **Faculty:** Roxana Mehran

6:30 PM	**PCI Vision and Introducing DynamX** Martin B. Leon
6:50 PM	**DynamX Preclinical Testing** Roxana Mehran
7:05 PM	**Limitations of Current DES: DynamX in Perspective** Dean J. Kereiakes
7:20 PM	**DynamX Clinical Program Overview** Stefan Verheye
7:40 PM	**Q&A**
7:55 PM	**Take-home Message** Martin B. Leon
8:00 PM	**Adjourn**

Evening Program: Learn How Fluoropolymers Contribute to Superior DES Outcomes in Complex Patients (Sponsored by Abbott)

Monday, October 30
6:00 PM - 8:00 PM
Hyatt Regency Denver at Colorado Convention Center
Centennial Ballroom F-H
Accreditation: none

6:00 PM - 6:30 PM	**Check-in & Reception**
6:30 PM - 8:00 PM	**Learn How Fluoropolymers Contribute to Superior DES Outcomes in Complex Patients** **Chair:** Roxana Mehran **Facultys:** Hiram G. Bezerra, Jose F. Diaz, Aloke V. Finn, Kevin Healy, Yoshihiro Morino, Tullio Palmerini, Marco Valgimigli, Renu Virmani

6:30 PM	**Welcome and Opening** Roxana Mehran
6:35 PM	**New Learnings on XIENCE Fluoropolymer Safety in DES Application** Aloke V. Finn
6:50 PM	**Biomaterials Science Behind Consistently Observed Fluoropolymer Safety in DES Application** Kevin Healy
6:55 PM	**Clinical Data Summary Review: Comparison Among Polymeric DES and BMS** Tullio Palmerini
7:05 PM	**Optimal Healing Seen on OCT** Yoshihiro Morino
7:15 PM	**XIENCE Fluoropolymer Has Potential to Reduce DAPT Duration: Review of Current DAPT Data** Marco Valgimigli
7:25 PM	**XIENCE Short DAPT Trial Update** Roxana Mehran
7:30 PM	**Case Presentation** Jose F. Diaz
7:40 PM	**Case Presentation** Hiram G. Bezerra
7:50 PM	**Discussion and Final Remarks** Roxana Mehran
8:00 PM	**Adjourn**

Evening Program: Optimizing Outcomes During and After PCI - From Intravenous to Oral Platelet Inhibition (Sponsored by CRF, Supported by Chiesi USA, Inc.)

Monday, October 30
6:00 PM - 8:00 PM
Hyatt Regency Denver at Colorado Convention Center
Centennial Ballroom A-C
Accreditation: CME

6:00 PM - 6:30 PM	**Check in & Reception**
6:30 PM - 8:00 PM	**Optimizing Outcomes During and After PCI: From Intravenous to Oral Platelet Inhibition** **Co-Chairs:** Robert A. Harrington, Gregg W. Stone **Facultys:** Dominick J. Angiolillo, C. Michael Gibson, Matthew J. Price, Freek W.A. Verheugt

6:30 PM	**Platelet Inhibition Before, During, and After PCI: Best Practices and Remaining Questions** Robert A. Harrington
6:42 PM	**Roundtable Discussion With Audience Q&A**
6:48 PM	**Indications for Potent Platelet Inhibition: ACS and Complex PCI** Gregg W. Stone
7:00 PM	**Roundtable Discussion With Audience Q&A**
7:06 PM	**Practical Advice: How, Why, and When to Transition From Oral to Intravenous and From Intravenous to Oral P2Y12 Receptor Blockade** Freek W.A. Verheugt
7:16 PM	**Roundtable Discussion With Audience Q&A**
7:22 PM	**DAPT Selection and Duration in ACS and After PCI, With and Without Atrial Fibrillation** C. Michael Gibson
7:34 PM	**Roundtable Discussion With Audience Q&A**
7:40 PM	**Scenarios and Recommendations for Bridging Antiplatelet Coverage** Dominick J. Angiolillo
7:52 PM	**Roundtable Discussion With Audience Q&A**
7:58 PM	**Lessons Learned and Take-home Messages** Robert A. Harrington
8:00 PM	**Adjourn**

Evening Program: Changing Course With Anticoagulation in Secondary Prevention of CAD (Sponsored by Annenberg Center for Health Sciences at Eisenhower and Medtelligence in collaboration with Postgraduate Institute for Medicine, Supported through an educational grant from Janssen Scientific Affairs, LLC)

Monday, October 30
6:30 PM - 8:00 PM
Hyatt Regency Denver at Colorado Convention Center
Capitol Ballroom 1-4, Fourth Floor
Accreditation: CME

6:30 PM - 8:00 PM	**Changing Course with Anticoagulation in Secondary Prevention of CAD** **Chair:** Christopher B. Granger **Facultys:** Neal S. Kleiman, Freek W.A. Verheugt

	6:30 PM	**Program Overview** **Faculty:** Christopher B. Granger
	6:40 PM	**Anticoagulation In CAD: Putting Data into Perspective** Freek W.A. Verheugt
	7:00 PM	**Dual Anti-Platelet Therapy: Evolving Data and Concepts** Neal S. Kleiman
	7:20 PM	**Faculty Discussion and Case-based Management Presentation** Christopher B. Granger, Neal S. Kleiman, Freek W.A. Verheugt
	7:40 PM	**Q&A** Christopher B. Granger, Neal S. Kleiman, Freek W.A. Verheugt
	8:00 PM	**Adjourn**

Structural Theater I, Monday, Oct. 30

Monday, October 30
8:00 AM - 12:00 PM
Colorado Convention Center
Structural Theater, Exhibit Hall Level
Accreditation: CME/CNE/MOC/ASRT

8:00 AM - 10:00 AM	**Session I. Live Cases: TMVR** **Live Case Moderator:** Francesco Maisano **Live Case Co-Moderator:** Joachim Schofer **Live Case Discussants:** Marco Barbanti, Wayne B. Batchelor, Mackram F. Eleid, Olaf Franzen, Sameer Gafoor, Alexander Lauten, Simon Redwood, Neil J. Weissman, Stephen G. Worthley **Factoid Facultys:** Ramin S. Hastings, Song-Yi Kim, Birgit Vogel, Philipp Wiesner	
	8:00 AM	**University of Washington Medical Center, Seattle, Washington** **Live Case Operators:** Thomas K. Jones, James M. McCabe, Mark Reisman
	9:00 AM	**Intermountain Heart Institute at Intermountain Medical Center, Salt Lake City, Utah** **Live Case Operators:** John Doty, James Harkness, Kent Jones, Edward Miner, Brian K. Whisenant
10:00 AM - 12:00 PM	**Session II. Live Cases: TMVR/LAA/SHD** **Live Case Moderator:** Horst Sievert **Live Case Co-Moderator:** Eric A. Cohen **Live Case Discussants:** Krzysztof Bartus, Anibal A. Damonte, Victoria Delgado, Reda Ibrahim, John M. Lasala, Carlos E. Ruiz, Peter B. Sick, Steven J. Yakubov, Ajit Yoganathan **Factoid Facultys:** Ramin S. Hastings, Song-Yi Kim, Birgit Vogel, Philipp Wiesner	

	10:00 AM	**Heart Center Bonn, University Hospital Bonn, Germany** **Live Case Operators:** Eberhard Grube, Georg Nickenig, Robert Schueler, Jan-Malte Sinning, Nikos Werner
	11:00 AM	**Intermountain Heart Institute at Intermountain Medical Center, Salt Lake City, Utah** **Live Case Operators:** John Doty, James Harkness, Kent Jones, Edward Miner, Brian K. Whisenant

Tuesday, October 31, 2017

Breakfast Program: Complex Patients With MVD - From Patient Selection to Treatment Planning Based on Noninvasive Imaging (A Glimpse Into the SYNTAX III Revolution Trial) (Sponsored by GE Healthcare and HeartFlow, Inc.)

Tuesday, October 31
6:30 AM - 8:00 AM
Colorado Convention Center
Room 601, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**	
7:00 AM - 8:00 AM	**Complex Patients With MVD: From Patient Selection to Treatment Planning Based on Noninvasive Imaging (A Glimpse Into the SYNTAX III REVOLUTION Trial)** **Chair:** Patrick W. Serruys **Facultys:** Daniele Andreini, Antonio L. Bartorelli, Carlos Collet, Johan De Mey, Mark La Meir, Jonathon A. Leipsic, Yoshinobu Onuma, Giulio Pompilio, Jeroen Sonck	
	7:00 AM	**FFRct in Complex CAD** Jonathon A. Leipsic
	7:07 AM	**The SYNTAX III Trial Design** Patrick W. Serruys
	7:14 AM	**Case Presentation With Dynamic Heart Team Discussion** **Moderator:** Patrick W. Serruys Carlos Collet, Yoshinobu Onuma **Discussants:** Daniele Andreini, Antonio L. Bartorelli, Johan De Mey, Mark La Meir, Giulio Pompilio, Jeroen Sonck
	7:49 AM	**FFRct Interactive Planner: A Game Changer in Coronary Interventions** Jeroen Sonck
	8:00 AM	**Adjourn**

Breakfast Program: Contemporary ACS Management: Why GPIs Are Finding Their Way Back Into the Cath Lab (Sponsored by CRF, Supported by Medicure Pharma)

Tuesday, October 31
6:30 AM - 8:00 AM
Colorado Convention Center
Room 501, Meeting Room Level
Accreditation: CME

6:30 AM - 7:00 AM	**Check in & Breakfast**
7:00 AM - 8:00 AM	**Contemporary ACS Management: Why GPIs Are Finding Their Way Back Into the Cath Lab** **Chairs:** Adhir Shroff, Thomas M. Tu **Facultys:** Tayo A. Addo, Amit Amin, Thomas D. Stuckey, Molly Szerlip

7:00 AM	**The Usage of Small Molecule GP IIB/IIIA Inhibitors in ACS Patients: An Evidence and Guideline-Based Approach** Molly Szerlip
7:12 AM	**Bleeding Avoidance Strategies With Small Molecule IIB/IIIA Inhibitors** Adhir Shroff
7:24 AM	**Moderated Case Presentation: High-Risk Large Thrombus ACS Patient Undergoing PCI** Tayo A. Addo
7:29 AM	**Discussion**
7:32 AM	**Moderated Case Presentation: Inadequately Pretreated ACS Patient for PCI** Thomas M. Tu
7:37 AM	**Discussion**
7:40 AM	**Moderated Case Presentation: Small Molecule IIB/IIIA Inhibitors as a Preferred Option for STEMI PCI** Thomas D. Stuckey
7:45 AM	**Discussion**
7:48 AM	**Moderated Case Presentation: Tailored Patient: Rising Co-Morbidities in the PCI Patient** Amit Amin
7:53 AM	**Discussion**
8:00 AM	**Adjourn**

Breakfast Program: Crossing and Treating Complex Lower Limb Disease: Case Review (Sponsored by Abbott)

Tuesday, October 31
6:30 AM - 8:00 AM

Colorado Convention Center
Room 603, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**Crossing and Treating Complex Lower Limb Disease: Case Review** **Facultys:** Ehrin J. Armstrong, Brian G. DeRubertis, Sahil A. Parikh, Mehdi H. Shishehbor

7:00 AM	**Overview of SUPERB Clinical Data**
7:10 AM	**Complex Femoropopliteal Case Examples**
7:50 AM	**Discussion and Q&A**
8:00 AM	**Adjourn**

Breakfast Program: FFRangio - The Benefits of Comprehensive Image-Based Functional Assessment (Sponsored by CathWorks Ltd.)

Tuesday, October 31
6:30 AM - 8:00 AM
Colorado Convention Center
Room 506-507, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**FFRangio: The Benefits of Comprehensive Image-Based Functional Assessment** **Co-Chairs:** Bernard De Bruyne, Martin B. Leon **Facultys:** Thomas Engstroem, William F. Fearon, Ajay J. Kirtane, Ran Kornowski, Hitoshi Matsuo

7:00 AM	**Welcome and Introduction** Martin B. Leon
7:02 AM	**Introduction to FFRangio** Bernard De Bruyne
7:10 AM	**Feedback From the Users on the FFRangio User Interface** Thomas Engstroem
7:20 AM	**The Promise of FFRangio: Case-Based Review** Ajay J. Kirtane
7:30 AM	**Rationale, Design, and Status of FAST-FFR Pivotal Trial** William F. Fearon
7:40 AM	**The Benefits of FFRangio in Multi-vessel Disease** Hitoshi Matsuo
7:50 AM	**Questions and Concluding Remarks** Ran Kornowski

Breakfast Program: Management of Complex PCI Patients - Award-Winning Case Presentations (Sponsored by CRF, Supported by ABIOMED, Inc.)

Tuesday, October 31
6:30 AM - 8:00 AM
Colorado Convention Center
Room 502, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-In and Breakfast**
7:00 AM - 8:00 AM	**Management of Complex PCI Patients** **Chairs:** George D. Dangas, Theodore L. Schreiber **Panel Discussants:** Amir Kaki, Perwaiz M. Meraj, Rajan A. Patel

7:00 AM	**Door to Unload Time: Emerging Reality** Nish Patel
7:15 AM	**Q&A**
7:20 AM	**Severe Biventricular Dysfunction Treated With Concomitant Implantation of Left and Right Impella Percutaneous Ventricular Assist Device** Damiano Regazzoli
7:35 AM	**Q&A**
7:40 AM	**Impella Assisted Percutaneous Intervention of Severely Calcified Unprotected Left Main Bifurcation in Patient With Severe Aortic Stenosis Requiring Balloon Aortic Valvuloplasty** Samit Bhatheja
7:55 AM	**Q&A**
8:00 AM	**Adjourn**

Breakfast Program: Optimizing Care With CorPath GRX Robotics and Radial Access (Sponsored by Corindus Vascular Robotics)

Tuesday, October 31
6:30 AM - 8:00 AM
Colorado Convention Center
Room 505, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**Optimizing Care With CorPath GRX Robotics and Radial Access** **Chair:** Sunil V. Rao **Facultys:** Paul T Campbell, Ian C. Gilchrist, Manish A. Parikh, Frances O. Wood

7:00 AM	**Opening Remarks** Sunil V. Rao
7:05 AM	**Incorporating Robotics and Radial Into Current Practices** Sunil V. Rao
7:15 AM	**Complex Radial Robotic PCI: A Taped Case** Paul T Campbell
7:25 AM	**The Economic Argument for Radial Access** Ian C. Gilchrist
7:35 AM	**Teaching Robotics to Interventionalists and Fellows** Manish A. Parikh
7:45 AM	**Next Generation Robotics in Action: The WakeMed Experience** Frances O. Wood
7:55 AM	**Q&A and Panel Discussion** **Moderator:** Sunil V. Rao
8:00 AM	**Adjourn**

Breakfast Program: TAVR Shift to Intermediate-Risk Patients - Practical Considerations for the Heart Team and Hospitals (Non-CME) (Organized by CRF, Sponsored by Medtronic)

Tuesday, October 31
6:30 AM - 8:00 AM
Colorado Convention Center
Room 504, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**TAVR Shift to Intermediate-Risk Patients: Practical Considerations for the Heart Team and Hospitals** **Co-Chairs:** Jeffrey J. Popma, Michael J. Reardon **Facultys:** John K. Forrest, Hemal Gada, Stephan Windecker

7:00 AM	**Welcome and Faculty Introduction** Michael J. Reardon
7:05 AM	**Intermediate-Risk Outcomes: Translating Results to Fellow Clinicians and Patients** Stephan Windecker
7:17 AM	**TAVR Economics: Implications for a Community-Based Hospital** Hemal Gada
7:29 AM	**New TAVR Technology and Its Impact on Your Patients** John K. Forrest
7:41 AM	**Panel Discussion: What's Important to Consider for Low-Risk Patients**
7:55 AM	**Closing** Jeffrey J. Popma
8:00 AM	**Adjourn**

Breakfast Program: The Tempo® Temporary Pacing Lead - A New Standard of Care in TAVR (Sponsored by BioTrace Medical, Inc.)

Tuesday, October 31
6:30 AM - 8:00 AM
Colorado Convention Center
Room 607, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**The Tempo® Temporary Pacing Lead: A New Standard of Care in TAVR** **Co-Chairs:** Susheel K. Kodali, Steven J. Yakubov **Facultys:** Stanley J. Chetcuti, Samir R. Kapadia, Tamim Nazif, Sanjeevan Pasupati, Carlos E. Sanchez Soto

7:00 AM	**Welcome and Introductions** Susheel K. Kodali, Steven J. Yakubov
7:05 AM	**Advances in Temporary Transvenous Pacemakers: The BioTrace Medical Tempo Temporary Pacing Lead** Tamim Nazif
7:12 AM	**Q&A**
7:15 AM	**First-in-Human Study: Safety and Feasibility of the Tempo Temporary Pacing Lead** Sanjeevan Pasupati
7:22 AM	**Q&A**
7:25 AM	**Post-TAVR Tempo Lead Pacing and Patient Ambulation** Stanley J. Chetcuti
7:32 AM	**Q&A**
7:35 AM	**The Tempo Lead's Role in Reducing TAVR Length of Stay (LOS)** Carlos E. Sanchez Soto
7:42 AM	**Q&A**
7:45 AM	**Case Studies: Tempo Lead Pacing in the Cath Lab** Samir R. Kapadia
7:52 AM	**Q&A**
7:57 AM	**Closing and Adjourn** Susheel K. Kodali, Steven J. Yakubov

Breakfast Program: Vascular Access Site Management - Techniques to Improve Your Clinical Outcomes in Radial, Large Bore, and Femoral Access (Sponsored by Terumo Interventional Systems)

Tuesday, October 31
6:30 AM - 8:00 AM
Colorado Convention Center
Room 605, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**Vascular Access Site Management: Techniques to Improve Your Clinical Outcomes in Radial, Large Bore, and Femoral Access** **Facultys:** Anita Asgar, Amit Srivastava, Jennifer A. Tremmel

7:00 AM	**Economic Value of Same Day Discharge With Transradial Interventions** Jennifer A. Tremmel
7:20 AM	**The Importance of Vascular Access in TAVR** Anita Asgar
7:40 AM	**Optimizing Outcomes With Femoral Access** Amit Srivastava
8:00 AM	**Adjourn**

Breakfast Program: Welcome to the Future of Bioresorbable Coronary Scaffold Technologies - The Amaranth Medical Thin-Walled BRS Program (Sponsored by Amaranth Medical)

Tuesday, October 31
6:30 AM - 8:00 AM
Colorado Convention Center
Room 503, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**Welcome to the Future of Bioresorbable Coronary Scaffold Technologies: The Amaranth Medical Thin-Walled BRS Program** **Co-Chairs:** Antonio Colombo, Gregg W. Stone **Facultys:** Juan F. Granada, Azeem Latib

7:00 AM	**Introduction** Gregg W. Stone
7:05 AM	**Defining the Technical Needs of Second Generation BRS: Lessons Learned From the Absorb BVS Program** Gregg W. Stone
7:13 AM	**Moderated Q&A** **Co-Moderators:** Antonio Colombo, Gregg W. Stone
7:18 AM	**The Amaranth Medical BRS Technology: Design, Advantages, Experimental Data, and Future Directions** Juan F. Granada
7:26 AM	**Moderated Q&A** **Co-Moderators:** Antonio Colombo, Gregg W. Stone
7:31 AM	**Foundational Platform: 2-Year FORTITUDE 150 Micrometer BRS Program Clinical Update** Azeem Latib
7:39 AM	**Moderated Q&A** **Co-Moderators:** Antonio Colombo, Gregg W. Stone
7:44 AM	**Advanced Technology Pipeline: APTITUDE 115 Micrometer and MAGNITUDE 98 Micrometer BRS Program Updates** Antonio Colombo
7:52 AM	**Moderated Q&A** **Co-Moderators:** Antonio Colombo, Gregg W. Stone
7:57 AM	**Closing Comments** Antonio Colombo
8:00 AM	**Adjourn**

Main Arena II, Tuesday, Oct. 31

Tuesday, October 31
8:00 AM - 1:07 PM
Colorado Convention Center
Main Arena, Bellco Theater, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

8:00 AM - 9:00 AM

Live Cases #3

Live Case Moderator: Martin B. Leon
Live Case Co-Moderators: Ajay J. Kirtane, Michael J. Mack
Live Case Discussants: Gary M. Ansel, Paul A. Grayburn, Samir R. Kapadia, Scott Lim, D. Christopher Metzger, Patrick T. O'Gara, Nicolo Piazza, Maurice E. Sarano, Mehdi H. Shishehbor, Robert J. Sommer, Paul Sorajja
Factoid Facultys: Serdar Farhan, Keyvan Karimi Galougahi, Jonathan Rubin, Elias Sanidas, Evan Shlofmitz, Sabato Sorrentino

8:00 AM	**UCHealth, University of Colorado Hospital, Aurora, Colorado** **Live Case Operators:** John D. Carroll, John C. Messenger
8:30 AM	**Department of Interventional Angiology, University Hospital Leipzig, Leipzig, Germany** **Live Case Operators:** Yvonne Bausback, Manuela Matschuck, Dierk Scheinert, Andrej Schmidt

9:00 AM - 9:45 AM

Main Arena Session #2: Addressing Healthcare Disparities in Cardiovascular Disease – Is Equal Care Possible for ALL Patients, Everywhere?

Moderators: Roxana Mehran, George A. Mensah
Discussants: Rafael Beyar, Junbo Ge, Cindy L. Grines, Uzoma Ibebuogu, Alexandra J. Lansky, Cheryl Pegus, Ashok Seth, Sidney C. Smith, Mohamed Ahmed Sobhy

9:00 AM	**Featured Lecture: Disparities Among Healthcare Providers and Optimal Cardiovascular Care Pathways in Underserved Populations - Realities and Solutions** Cheryl Pegus
9:15 AM	**Featured Lecture: The NIH Mission to Enhance DIVERSITY in Clinical Trials, Education, and the Workforce** George A. Mensah
9:30 AM	**Animated Discussion**

9:45 AM - 10:00 AM

TCT 2017 Geoffrey O. Hartzler Master Operator Award

Award Presenters: Martin B. Leon, Gregg W. Stone
Award Recipient: Alec S. Vahanian

10:00 AM - 11:00 AM

Live Cases #4

Live Case Moderator: Gregg W. Stone
Live Case Co-Moderator: William A. Gray
Live Case Discussants: Tony Das, Gilles Dreyfus, Gregory P. Fontana, Howard C. Herrmann, Hüseyin Ince, Francesco Maisano, Patrick M. McCarthy, Robert J. Siegel, Craig R. Smith, Alfredo Trento, Thomas Zeller
Factoid Facultys: Serdar Farhan, Keyvan Karimi Galougahi, Jonathan Rubin, Elias Sanidas, Evan Shlofmitz, Sabato Sorrentino

	10:00 AM	**University of Leipzig - Heart Center, Leipzig, Germany** **Live Case Operator:** Michael A. Borger
	10:30 AM	**Heart Institute, Cedars Sinai Medical Center, Los Angeles, CA** **Live Case Operators:** Tarun Chakravarty, Wen Cheng, Saibal Kar, Moody M Makar, Raj Makkar, Mamoo Nakamura

11:00 AM - 12:00 PM

Late-Breaking Clinical Trials 2: Co-sponsored by the Lancet

Moderator: Patrick W. Serruys
Co-Moderator: Stuart Spencer
Discussants: Bernard R. Chevalier, Hemal Gada, James B. Hermiller Jr., Ajay J. Kirtane, Azeem Latib, Michael J. Mack, Manel Sabate, Corrado Tamburino, Stephan Windecker

	11:00 AM	**ABSORB III: 3-Year Outcomes From a Randomized Trial of a Bioresorbable Scaffold vs a Metallic DES in Patients With Coronary Artery Disease** Stephen G. Ellis
	11:12 AM	**Roundtable Discussion**
	11:20 AM	**ABSORB IV: 30-Day Outcomes From a Randomized Trial of a Bioresorbable Scaffold vs a Metallic DES in Patients With Coronary Artery Disease** Gregg W. Stone
	11:32 AM	**Roundtable Discussion**
	11:40 AM	**PARTNER 2A and SAPIEN 3 Cost-effectiveness: Cost-effectiveness of TAVR vs SAVR in Intermediate-Risk Patients With Aortic Stenosis** David J. Cohen
	11:52 AM	**Roundtable Discussion**

12:00 PM - 1:07 PM

First Report Investigations 2

Moderator: Robert-Jan van Geuns
Co-Moderator: William L. Lombardi
Discussants: Jorge A. Belardi, Emmanouil S. Brilakis, Todd J. Brinton, David Erlinge, Valerian Fernandes, J. Aaron Grantham, Alexandra J. Lansky, Gary S. Mintz, Ashok Seth, Clemens von Birgelen

12:00 PM	**ABSORB II: 4-Year Outcomes From a Randomized Trial of a Bioresorbable Scaffold vs a Metallic DES in Patients With Coronary Artery Disease** Bernard R. Chevalier
12:10 PM	**Roundtable Discussion**
12:15 PM	**CrossBoss First: A Randomized Trial of Antegrade Dissection and Re-entry vs Standard Wire Escalation for Crossing Coronary Artery Chronic Total Occlusions** Emmanouil S. Brilakis
12:25 PM	**Roundtable Discussion**
12:30 PM	**REVASC: A Randomized Trial to Assess Recovery of Left Ventricular Function After PCI of Coronary Artery Chronic Total Occlusions** Kambis Mashayekhi
12:40 PM	**Roundtable Discussion**
12:45 PM	**FAVOR II China: Diagnostic Accuracy of the Angiographic Quantitative Flow Ratio in Patients With Coronary Artery Disease** Bo Xu
12:53 PM	**FAVOR II Europe Japan: Diagnostic Accuracy of the Angiographic Quantitative Flow Ratio in Patients With Coronary Artery Disease** Jelmer Westra
1:01 PM	**Roundtable Discussion**

Coronary Theater II, Tuesday, Oct. 31

Tuesday, October 31
8:00 AM - 12:00 PM
Colorado Convention Center
Coronary Theater, Theater Wing, Exhibit Level
Accreditation: CME/CNE/MOC/ASRT

8:00 AM - 10:00 AM

Session I. Live Cases: FFR/CTO/CHIP

Live Case Moderator: James C. Spratt
Live Case Co-Moderator: William L. Lombardi
Live Case Discussants: M Chadi Alraies, Angela Hoye, Amir Lerman, Lampros K. Michalis, Luis Nombela-Franco, Elmir Omerovic, Shigeru Saito, Julia Seeger, Luca Testa
Factoid Facultys: Christine J. Chung, Bimmer E. Claessen, Akiko Fujino, Emad Hakemi

8:00 AM	**Hospital Clínico San Carlos, Madrid, Spain** **Live Case Operators:** Javier Escaned, Nieves Gonzalo
9:00 AM	**Edward Hospital, Naperville, Illinois** **Live Case Operators:** Tony J. DeMartini, Timothy J Larkin

10:00 AM - 12:00 PM

Session II. Live Cases: FFR/CTO/CHIP

Live Case Moderator: George D. Dangas
Live Case Co-Moderator: Simon J. Walsh
Live Case Discussants: Jung-Min Ahn, Graham A. Cassel, Yuji Ikari, Michael J. Lim, Arnold Seto, Georgios Sianos, Satoru Sumitsuji, Pim A.L. Tonino, Jennifer A. Tremmel
Factoid Facultys: Christine J. Chung, Bimmer E. Claessen, Akiko Fujino, Emad Hakemi

10:00 AM	**Hospital Clínico San Carlos, Madrid, Spain** **Live Case Operators:** Javier Escaned, Antonio Fernandez-Ortiz
11:00 AM	**Edward Hospital, Naperville, Illinois** **Live Case Operator:** Mark J. Goodwin **Live Case Guest Operator:** Colm Hanratty

Didactic Session: Bioresorbable Vascular Scaffolds, Part 1 - Devices and Emerging Data

Tuesday, October 31
2:00 PM - 6:13 PM
Colorado Convention Center
Mile High Ballroom 4E-4F, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 2:57 PM

Session I. New Insights From the ABSORB Clinical Trial Program, Part 1: Focus on RCTs

Moderator: Azeem Latib
Discussants: Olivier F. Bertrand, Takeshi Kimura, Detlef G. Mathey, Patrick W. Serruys, Ashok Seth, Giuseppe Tarantini

	2:00 PM	**New Insights From AIDA: Subgroups and Predictors of Adverse Events** Joanna J. Wykrzykowska
	2:07 PM	**ABSORB in STEMI I: TROFI II 3-Year Clinical Outcomes and Correlations With the 6-Month OCT Findings** Manel Sabate
	2:14 PM	**ABSORB II at 4 Years: Clinical Outcomes Beyond the Cusp of Complete Bioresorption** Bernard R. Chevalier
	2:21 PM	**Featured Lecture: ABSORB Program 3-Year Meta-Analysis and Adjusted PSP Evaluation - Lessons Learned With a First Generation Scaffold** Gregg W. Stone
	2:31 PM	**ABSORB IV 30-Day Results: Is Improved Technique Reflected in Superior Early Outcomes?** Dean J. Kereiakes
	2:38 PM	**What Is the Optimal DAPT Duration With ABSORB? Results From a Comprehensive Meta-Analysis** Gregg W. Stone
	2:45 PM	**Roundtable Discussion With Audience Q&A**
2:57 PM - 4:18 PM	**Session II. New Insights From the ABSORB Clinical Trial Program, Part 2: Focus on Registries** **Moderators:** Stephen G. Ellis, Takeshi Kimura **Discussants:** Hyeon-Cheol Gwon, Julinda Mehilli, Maurizio Menichelli, David G. Rizik, Lei Song, Nick E. J. West	

	2:57 PM	**Registry Update: ABSORB Extend At 3 Years** Antonio L. Bartorelli
	3:03 PM	**Registry Update: ABSORB UK** Mark A. de Belder
	3:09 PM	**Registry Update: GABI-R** Holger M. Nef
	3:15 PM	**Registry Update: FRANCE ABSORB** Didier Carrié
	3:21 PM	**Registry Update: IT-DISAPPEARS** Francesco Bedogni
	3:29 PM	**Registry Update: BVS STEMI STRATEGY** Alfonso Ielasi
	3:35 PM	**Registry Update: ABSORB SCAAR** Stefan K. James
	3:41 PM	**The Potential For BRS: What We've Learned From "Pushing The Envelope"** Corrado Tamburino
	3:46 PM	**Predebate Audience Vote: What Is the Future of ABSORB?** **Poll Moderators:** Stephen G. Ellis, Takeshi Kimura
	3:48 PM	**Debate: ABSORB Is Likely Finished - The Limitation of the Technology Can Not Be Overcome** Robert A. Byrne
	3:53 PM	**Debate: With Improved Technology and Optimal Technique ABSORB Will Become a Widely Used Device** Hiram G. Bezerra
	3:58 PM	**Postdebate Audience Vote: What Is the Future of ABSORB?** **Poll Moderators:** Stephen G. Ellis, Takeshi Kimura
	4:01 PM	**Progress With a Second Generation Absorb: Falcon Design and Development Plans** Richard J. Rapoza
	4:06 PM	**Roundtable Discussion With Audience Q&A**
4:18 PM - 5:24 PM		**Session III. Next Generation Scaffolds Part 1: Design Iterations, Data, and Clinical Development** **Moderators:** Bernard R. Chevalier, Corrado Tamburino **Discussants:** Vasim Farooq, Junbo Ge, Giulio Guagliumi, Jacques J. Koolen, Jose L. Leiva-Pons, Bo Xu

	4:18 PM	**Do Some, All, or None of the Outcomes With the First Generation Absorb Scaffold Imply a Class Effect for All BRS? Educated Insights** Yoshinobu Onuma
	4:26 PM	**Desolve Nx, Cx, and Amity: A Family of Progressively Thinner-Strut PLLA-Based BRS With Novel Properties** Stefan Verheye
	4:36 PM	**Fantom: A Radio-Opaque "Stent-Like" BRS With Improved Expansion Characteristics** James B. Hermiller Jr.
	4:46 PM	**Fortitude, Aptitude, and Magnitude: Progressively Thin-Strut BRS Based on Ultra-High Molecular Weight Amorphous PLLA** Juan F. Granada
	4:56 PM	**Magmaris: Clinical and Imaging Results With Drug-Eluting Magnesium-Based Scaffolds** Ron Waksman
	5:06 PM	**The Sirolimus-Eluting PLLA-Based Neovas Scaffold: Extended Results From the Randomized Trial** Kai Xu
	5:14 PM	**Roundtable Discussion With Audience Q&A**
5:24 PM - 6:13 PM	**Session IV. Next Generation Scaffolds Part 2: BRS Snapshots** **Moderators:** Ron Waksman, Robert-Jan van Geuns **Discussants:** Daniel Chamie, Ulf Landmesser, Massoud A. Leesar, Manuel Pan, Evelyn S. Regar, Wojtek Wojakowski	

5:24 PM	**The Thin-Strut PLLA-Based MeRes100** Ashok Seth
5:30 PM	**Mirage: Imaging and Clinical Outcomes With a Circular PLLA Microfiber-Derived BRS** Patrick W. Serruys
5:36 PM	**The Thin-Strut PLLA-Based FIRESORB** Bo Xu
5:42 PM	**The RENUVIA PLLA-Based BRS Platform With Extended Drug Release** Sujith K Seneviratne
5:48 PM	**The Thin-Strut PLLA-Based Arteriosorb** Patrick W. Serruys
5:54 PM	**The PLLA-Based Xinsorb** Junbo Ge
6:00 PM	**Audience Poll: Will Next Generation Scaffolds Eliminate the Safety Gap With Metallic DES Before Complete Bioresorption?** **Poll Moderators:** Ron Waksman, Robert-Jan van Geuns
6:03 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: CHIP: Complex and High-Risk Intervention

Tuesday, October 31
2:00 PM - 6:08 PM
Colorado Convention Center
Mile High Ballroom 2C-3C, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:04 PM	**Session I. Practical/Logistical Aspects of CHIP** **Moderators:** Farouc Jaffer, Ajay J. Kirtane **Discussants:** Khaldoon Alaswad, Ronald Caputo, Rajiv Gulati, Fazila T. Malik, Margaret B. McEntegart, Jennifer A. Tremmel

	2:00 PM	**Introductory Lecture: Defining CHIP/Complex PCI in 2017 - Where We Started and Updates in the Last Year** Jeffrey W. Moses
	2:08 PM	**Debate: Should CHIP Success Be Defined by Complete Revascularization? Pro!** William L. Lombardi
	2:15 PM	**Debate: Should CHIP Success Be Defined by Complete Revascularization? Con!** Ajay J. Kirtane
	2:23 PM	**Roundtable Discussion With Audience Q&A**
	2:30 PM	**Building the CHIP Heart Team: Institutional and Network Strategies for a Successful CHIP Program** Nicholas J. Lembo
	2:39 PM	**Tools for Training: Mitigating Procedural Risk and Picking the Right Cases As a New CHIP Operator** Raja Hatem
	2:46 PM	**STS, Euroscore, and the Need for a Frailty Index for CHIP Cases** Adam C. Salisbury
	2:56 PM	**Roundtable Discussion With Audience Q&A**
3:04 PM - 5:05 PM	**Session II. CHIP A-Z: Techniques in Complex and High-Risk PCI** **Moderators:** Alaide Chieffo, Jonathan M. Hill **Discussants:** Adrian P. Banning, Joseph P. Carrozza Jr, Philippe Genereux, Maciej Lesiak, Christopher Pyne	

3:04 PM	**Perspectives on Vascular Access: Why CHIP Operators Need to Be Facile at Both Radial and Femoral Access (With Case Examples)** Stéphane Rinfret
3:12 PM	**Must-Know Peripheral Intervention Skills for the CHIP Operator** Sean F. Janzer
3:20 PM	**CHIP Tricks: Improving Guide Catheter Support With Wires, Guide Extensions, and More** Raja Hatem
3:28 PM	**Algorithms Within Algorithms: Lessons Learned From an Advanced CHIP Fellowship** Robert F. Riley
3:35 PM	**Using Intravascular Imaging and Physiology to Guide CHIP Cases: The Essentials** Bernard De Bruyne
3:45 PM	**Roundtable Discussion With Audience Q&A**
3:53 PM	**Flash Debate on Calcium Management: The Case for Specialty Balloons Without Atherectomy in Most Cases!** Carlo Di Mario
3:58 PM	**Flash Debate on Calcium Management: The Case for Rotational Atherectomy in Most Cases!** Jasvindar Singh
4:03 PM	**Flash Debate on Calcium Management: The Case for Orbital Atherectomy in Most Cases!** Michael S. Lee
4:08 PM	**Flash Debate on Calcium Management: The Case for Laser Atherectomy in Many Cases!** Joseph DeGregorio
4:13 PM	**Flash Debate on Calcium Management: The Case for Coronary Lithoplasty!** Jonathan M. Hill
4:18 PM	**Rapid Review of the Evidence for Treatment of Calcified Coronary Lesions** Ajay J. Kirtane
4:26 PM	**Roundtable Discussion With Audience Q&A**
4:34 PM	**My Top Five Tips and Tricks for Treating Failing Saphenous Vein Grafts** Joseph P. Carrozza Jr
4:42 PM	**Managing Postsurgical and Surgical Turndown Patients: The Emerging Role of Complex PCI Strategies** J. Aaron Grantham
4:49 PM	**The Role of Left Main PCI After EXCEL and NOBLE** Gregg W. Stone
4:57 PM	**Roundtable Discussion With Audience Q&A**

5:05 PM - 6:08 PM

Session III. Ventricular Dysfunction and Hemodynamics in the CHIP Patient

Moderators: Navin K. Kapur, Jeffrey W. Moses
Discussants: Simon R. Dixon, James A. Goldstein, John C. Messenger, Gert Richardt, Ajay V. Srivastava, Eric Jose Velazquez

5:05 PM	**When Should Hemodynamic Support Be Used During PCI?** Francesco Burzotta
5:13 PM	**Flash Debate: An IABP Is Really All the Circulatory Support a Good Interventionalist Needs for Almost All Cases of High-Risk PCI!** Gert Richardt
5:18 PM	**Flash Debate: The Impella Series of Devices Is the Current Gold Standard for Mechanical Support During High-Risk PCI!** Jonathan M. Hill
5:23 PM	**Flash Perspectives: ECMO and ECMO Circuit Modifications Are the Best Methods to Achieve True Maximal Circulatory Support During High-Risk PCI!** Hiroo Takayama
5:28 PM	**An Algorithm for Mechanical Circulatory Support** Navin K. Kapur
5:36 PM	**Mechanical Support Mishaps! Lessons Learned From Complications With Use of Mechanical Circulatory Support** Sanjog Kalra
5:44 PM	**Novel Access Approaches for Percutaneous Maximal Circulatory Support Devices: Transcaval and Subclavian/Axillary Advancements** James M. McCabe
5:52 PM	**Future Devices for Mechanical Circulatory Support in Cardiogenic Shock and High-Risk PCI** Ulrich P. Jorde
6:00 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Disparities in Interventional Cardiology - Impact of Sex, Race, Socioeconomic Status, and Culture

Tuesday, October 31
2:00 PM - 6:00 PM
Colorado Convention Center
Mile High Ballroom 1E-1F, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:20 PM

Session I. Disparities in Patient Care and Outcomes

Moderators: Alice K. Jacobs, Spencer B. King III
Discussants: Uzoma Ibebuogu, Norman E. Lepor, John C. Messenger, A.J. Conrad C. Smith, Molly Szerlip

	2:00 PM	**Factors Affecting Evaluation for Ischemic Heart Disease and Cath Lab Referral** Spencer B. King III
	2:10 PM	**Use of NCDR Registries to Evaluate Race and Gender Issues Related to Medications and Devices** John C. Messenger
	2:20 PM	**Impact of Sex, Race, Socioeconomic Status, and Region/Country on Acute and Late PCI Outcomes** Alice K. Jacobs
	2:30 PM	**Insights From the PLATINUM DIVERSITY Study** Wayne B. Batchelor
	2:40 PM	**Sex and Racial Disparities in TAVR** David R. Holmes Jr.
	2:50 PM	**Long-term Outcomes in the Real World: Effect of Socioeconomic Status, Healthcare Access, Compliance, and More** A.J. Conrad C. Smith
	3:00 PM	**Roundtable Discussion With Audience Q&A**

3:20 PM - 4:20 PM

Session II. Disparities in Clinical Trial Representation

Moderators: David P. Faxon, Cindy L. Grines
Discussants: Wayne B. Batchelor, Mary K. Egan, Bernard J. Gersh, Roxana Mehran, Christopher J Popma, Paul Underwood

	3:20 PM	**FDA Perspectives on Diversity in Clinical Trials** Christopher J Popma
	3:30 PM	**Industry Perspectives on Diversity in Clinical Trials** Paul Underwood
	3:40 PM	**Strategies to Increase Enrollment of Women and Minorities Into Clinical Trials** Roxana Mehran
	3:50 PM	**Representation of Women and Minorities in European Trials** Angeles Alonso Garcia
	4:00 PM	**Roundtable Discussion With Audience Q&A**

4:20 PM - 5:36 PM

Session III. Disparities in Professional Opportunity and Workforce

Moderators: Wayne B. Batchelor, Pamela S. Douglas
Discussants: Cindy L. Grines, Robert A. Harrington, Mina Madan, Kimberly A. Skelding, Celina Mei Yong

	4:20 PM	**Accessing Cardiology and Interventional Talent: Entry and Retention of Women and Under-represented Minorities** Cindy L. Grines
	4:30 PM	**Is There a Level Playing Field for All in Terms of Opportunity and Compensation?** Kimberly A. Skelding
	4:40 PM	**Roundtable Discussion With Audience Q&A**
	4:52 PM	**Success Stories: Managing Radiation Exposure, Family Leave, and Working Hours** Mina Madan
	5:04 PM	**Leadership by Women and Under-represented Minorities: How to Bend the Curve** Wayne B. Batchelor
	5:14 PM	**ACC Task Force on Diversity: An Interim Report** Pamela S. Douglas
	5:24 PM	**Roundtable Discussion With Audience Q&A**
5:36 PM - 6:00 PM		**Session IV. Opportunities and Obstacles in Interventional Cardiology Training and Patient Care: Observations From Recent "Fellow" Graduates** **Moderators:** Roxana Mehran, Celina Mei Yong **Discussants:** Jaya Chandrasekhar, Pamela S. Douglas, Cindy L. Grines, Kusum Lata, Kimberly A. Skelding, Poonam Velagapudi
	5:36 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Interventional Heart Failure Therapies, Part 1

Tuesday, October 31
2:00 PM - 6:10 PM
Colorado Convention Center
Mile High Ballroom 4C-4D, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:40 PM	**Session I. Treatment Alternatives for Acute Cardiogenic Shock** **Moderators:** Vladimir Dzavik, Navin K. Kapur **Discussants:** A. Reshad Garan, Sanjog Kalra, Michael A. Kutcher, Vincent J. Pompili, Tanveer Rab, George W. Vetrovec

	2:00 PM	**Acute Cardiogenic Shock: Pathophysiology, Hemodynamics, and Treatment Goals** Holger Thiele
	2:12 PM	**Synthesis of Randomized Trial and Registry Data for Devices in Cardiogenic Shock: What Is the Evidence for Efficacy?** Nicolas M. Van Mieghem
	2:24 PM	**Acute Cardiogenic Shock: The Case for First-line Use of IABP** David A Baran
	2:32 PM	**Acute Cardiogenic Shock: The Case for First-line Use of Impella** Mark B. Anderson
	2:40 PM	**Acute Cardiogenic Shock: The Case for First-line Use of ECMO** Robb Kociol
	2:48 PM	**Roundtable Discussion With Audience Q&A**
	3:00 PM	**Cardiac Arrest With Cardiogenic Shock: Specific Management Considerations** Christian M. Spaulding
	3:10 PM	**Cardiogenic Shock in the Elderly: Rational Treatment Suggestions** Jose M. de la Torre Hernandez
	3:18 PM	**Diagnosis and Treatment Options for RV Shock** James A. Goldstein
	3:28 PM	**Roundtable Discussion With Audience Q&A**
3:40 PM - 6:10 PM	**Session II. Interventional Therapies for Chronic Heart Failure** **Moderators:** Daniel Burkhoff, JoAnn Lindenfeld **Discussants:** William T. Abraham, Peter Carson, Susan M Joseph, Robb Kociol, James E. Udelson	

3:40 PM	**US and EU Guidelines for Drug and Device Management of Heart Failure: Overview, Similarities, and Differences** William T. Abraham
3:52 PM	**Coronary Revascularization for CHF: Implications From STICH for Complete Revascularization** Eric Jose Velazquez
4:00 PM	**Can Functional Testing for Ischemia and Viability Guide Revascularization in Heart Failure?** James E. Udelson
4:08 PM	**Roundtable Discussion With Audience Q&A**
4:18 PM	**CAREMI: A Randomized Double-Blind Trial Evaluating Allogeneic Cardiac Stem Cells In Acute Myocardial Infarction** Francisco Fdez-Aviles
4:26 PM	**State-of-the-Art Overview: Device-Based Therapies for CHF** JoAnn Lindenfeld
4:36 PM	**Potential for Renal Denervation to Treat Chronic Systolic Heart Failure: REACH and More** Justin E. Davies
4:43 PM	**Ventricular Partitioning Approaches: Surgical and Device-Based** Jozef Bartunek
4:53 PM	**Electrical Neuromodulation (Baroceptor, Vagal, Spinal, Aortic Arch, Impulse)** Peter Carson
5:05 PM	**Roundtable Discussion With Audience Q&A**
5:15 PM	**Inter-atrial Shunts I: V-Wave** Gregg W. Stone
5:23 PM	**Inter-atrial Shunts II: Corvia** Ted Feldman
5:31 PM	**Mitral Valve Repair and Replacement for CHF** Michael J. Mack
5:39 PM	**Aortic Valve Replacement for CHF** Howard C. Herrmann
5:47 PM	**Tricuspid Valve Repair and Replacement for CHF** Maurice E. Sarano
5:55 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Left Atrial Appendage Closure, Part 2 - Devices and Technique

Tuesday, October 31
2:00 PM - 6:00 PM
Colorado Convention Center
Mile High Ballroom 1A-1B, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 2:52 PM

Session I. Gaining Access

Moderators: Stefan C. Bertog, Apostolos Tzikas
Discussants: Steven L. Almany, Anibal A. Damonte, Sameer Gafoor, Randall J. Lee, Ramon Quesada

2:00 PM	**Femoral Venous Access and Closure** Sameer Gafoor
2:10 PM	**Trans-septal Puncture for LAA Closure Using Fluoroscopic Guidance** Randall J. Lee
2:20 PM	**Trans-septal Puncture for LAA Closure Using TEE Guidance** Jacqueline Saw
2:30 PM	**Transpericardial Access for LAA Closure** Krzysztof Bartus
2:40 PM	**Roundtable Discussion With Audience Q&A**

2:52 PM - 3:57 PM

Session II. LAA Closure With Watchman and Amulet

Moderators: Ramon Quesada, Robert J. Sommer
Discussants: William A. Gray, Petr Neuzil, Fabian Nietlispach, Ruby Satpathy, Peter B. Sick, Neil Wilson

2:52 PM	**Watchman: Step-by-step Recorded Case** **Case Presenter:** Matthew J. Price
3:02 PM	**Watchman: Advanced Tips and Tricks (With Case Examples)** Ramon Quesada
3:17 PM	**Amulet: Step-by-step Recorded Case** **Case Presenter:** Ruby Satpathy
3:27 PM	**Amulet: Advanced Tips and Tricks (With Case Examples)** Fabian Nietlispach
3:42 PM	**Roundtable Discussion With Audience Q&A**

3:57 PM - 5:08 PM

Session III. Emerging LAA Closure Devices

Moderators: Mark Reisman, Josep Rodés-Cabau
Discussants: Krzysztof Bartus, Lucas V. Boersma, Randall J. Lee, David Meerkin, Eleftherios Sideris

	3:57 PM	**LARIAT: LAA Occlusion, Electrical Isolation, or Both?** DJ Lakkireddy
	4:05 PM	**Lambre: Device Description, Data, and Future Directions** Yat Sun Joseph Chan
	4:13 PM	**Ultraseal LAA Occluder: Device Description, Data, and Future Directions** Josep Rodés-Cabau
	4:21 PM	**WaveCrest: Device Description, Data, and Future Directions** Gregg W. Stone
	4:29 PM	**Occlutech LAA Occluder: Device Description, Data, and Future Directions** Kolja Sievert
	4:37 PM	**SeaLA: Device Description, Data, and Future Directions** Kolja Sievert
	4:45 PM	**PROLIPSIS: Device Description, Data, and Future Directions** Eleftherios Sideris
	4:53 PM	**Roundtable Discussion With Audience Q&A**
5:08 PM - 6:00 PM	**Session IV. Complications of LAA Closure** **Moderators:** Matthew J. Price, Jacqueline Saw **Discussants:** Maurice Buchbinder, Megan Coylewright, William A. Gray, Reda Ibrahim, DJ Lakkireddy, Mark Reisman	
	5:08 PM	**Periprocedural Effusions and Tamponade: Frequency, Prevention, and Treatment (With Case Reviews)** Martin W. Bergmann
	5:16 PM	**Device Embolization: Frequency, Prevention, and Treatment (With Case Reviews)** Brian K. Whisenant
	5:24 PM	**Residual Leaks After LAA Closure: Frequency, Prevention, and Treatment (With Case Reviews)** Kolja Sievert
	5:32 PM	**Medical Treatment After LAA Closure: Trade-off of Bleeding vs Device-Related Thrombus** Lucas V. Boersma
	5:40 PM	**My Most Challenging LAA Closure Case: Twice As Many Problems As Usual** Petr Neuzil
	5:48 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: STEMI, Cardiac Arrest, and Cardiogenic Shock: Unsettled Issues and Device-Based Approaches

Tuesday, October 31
2:00 PM - 6:11 PM
Colorado Convention Center
Mile High Ballroom 1C-1D, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 2:44 PM

Session I. Coronary Flow and No Reflow in STEMI

Moderators: David P. Faxon, Robert S. Schwartz
Discussants: Frederick Feit, Angela Hoye, Gary L. Schaer, Mark A. de Belder, Robert-Jan van Geuns

2:00 PM	**Recognition, Diagnosis, and Management of Spontaneous Coronary Artery Dissection** Jacqueline Saw
2:07 PM	**Coronary Flow, Collateral Flow, and Fractional Flow Reserve in Culprit and Nonculprit Lesions in STEMI** Matthias Götberg
2:14 PM	**Intracoronary Pharmacology: Approach to Thrombus and the Prevention and Treatment of No Reflow** Raffaele Piccolo
2:21 PM	**Manual Aspiration Thrombectomy in STEMI: Do Any Subgroups Benefit?** Stefan K. James
2:28 PM	**Case Presentation: No Reflow After Primary PCI** **Case Presenter:** Mohamed Abdel-Wahab
2:34 PM	**Roundtable Discussion With Audience Q&A**

2:44 PM - 3:26 PM

Session II. Multivessel PCI and Deferred Stenting in STEMI

Moderators: Stefan K. James, Ran Kornowski
Discussants: John A. Ambrose, Eric R. Bates, Pawel E. Buszman, Thomas Engstroem, Petr Kala, Rajan A. Patel

	2:44 PM	**When, If Ever, Should Stent Implantation Be Deferred in STEMI?** Jacob Lønborg, MD
	2:51 PM	**Multivessel PCI Debate: Based on What We Know Today - Immediate Multivessel PCI Is the Preferred Strategy!** Anthony H. Gershlick
	2:57 PM	**Multivessel PCI Debate: Based on What We Know Today - Culprit Lesion Only PCI With Staged Revascularization After Ischemia Testing Is the Preferred Strategy!** Thomas Engstroem
	3:03 PM	**Multivessel PCI Debate: Based on What We Know Today - Culprit Lesion Only PCI With "Watchful Waiting" Is the Preferred Strategy!** Deepak L. Bhatt
	3:09 PM	**Audience Vote: What Is the Best Treatment Strategy in STEMI With Multivessel Coronary Artery Disease?** **Poll Moderators:** Stefan K. James, Ran Kornowski
	3:12 PM	**Case Presentation: A Patient With Multivessel Disease in STEMI** **Case Presenter:** Marco V. Wainstein
	3:18 PM	**Roundtable Discussion With Q&A**
3:26 PM - 5:05 PM	**Session III. Cardiogenic Shock and Cardiac Arrest** **Moderators:** Michael Mooney, Holger Thiele **Discussants:** Kusum Lata, Sandeep Nathan, Manish A. Parikh, Robert T. Pyo, Christian M. Spaulding	

	3:26 PM	**Improving Outcomes in Cardiogenic Shock: Issues the Guidelines Don't Discuss** Venu Menon
	3:32 PM	**Hub and Spoke Transfer Strategies in Cardiogenic Shock and Cardiac Arrest: Any Benefit on Outcome?** Christopher B. Granger
	3:38 PM	**Should the Approach to Multivessel Disease Differ in Patients With and Without Cardiogenic Shock?** Holger Thiele
	3:44 PM	**Cardiac Catheterization, Mechanical Support, and Hypothermia in Patients With Cardiac Arrest: State-of-the-Art** Sandeep Nathan
	3:54 PM	**Roundtable Discussion With Audience Q&A**
	4:02 PM	**Mechanical Hemodynamic Support: Counterpulsation, Rotary Flow, or ECMO for Cardiogenic Shock, and Why?** Navin K. Kapur
	4:09 PM	**Mechanical Hemodynamic Support Should be Established Before Revascularization: Results From the US Impella Registry** Brian P O'Neill
	4:15 PM	**DEBATE: Mechanical Hemodynamic Support in Cardiogenic Shock Should be Used in All Patients!** Tanveer Rab
	4:22 PM	**DEBATE: Mechanical Hemodynamic Support in Cardiogenic Shock Should be Used Selectively!** Jose P.S. Henriques
	4:29 PM	**Roundtable Discussion With Audience Q&A**
	4:37 PM	**Right Ventricular Failure in Cardiogenic Shock: When to Suspect, How to Diagnose** Marwan F. Jumean
	4:44 PM	**Hemodynamic Support for Acute RV Failure: Impella, TandemHeart, or ECMO?** Danny Ramzy
	4:51 PM	**Case Presentation: Biventricular Collapse in STEMI With Shock** **Case Presenter:** Vladimir Dzavik
	4:58 PM	**Roundtable Discussion With Audience Q&A**
5:05 PM - 6:11 PM	**Session IV. Emerging Cardioprotective Approaches in Acute MI** **Moderators:** Bernard J. Gersh, Michel Ovize **Discussants:** Christopher B. Granger, Michel R. Le May, Richard Smalling, Azfar G. Zaman, Uwe Zeymer	

5:05 PM	**Imaging Infarct Size and Reperfusion Injury: State-of-the-Art** Suzanne de Waha
5:12 PM	**Is Cardioprotection for Acute Myocardial Infarction Dead? The Graveyard of Trials** Michel Ovize
5:19 PM	**Emerging Pharmacologic Approaches for Cardioprotection in Acute MI** Christopher B. Granger
5:26 PM	**Mechanical Unloading to Reduce Infarct Size in Acute MI** Richard Smalling
5:33 PM	**PICSO to Reduce Infarct Size: Update on Clinical Studies** Adrian P. Banning
5:40 PM	**Supersaturated Oxygen for Large Anterior STEMI: Results of the IC-HOT Approval Study** Gregg W. Stone
5:47 PM	**Prospects for Hypothermia to Reduce Infarct Size** David Erlinge
5:54 PM	**Pre and Postconditioning to Enhance Myocardial Salvage: 2017 Status** Graham Nichol
6:01 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: TCT Endovascular - Aortic Disease: Trends, New Technologies, and Complication Management

Tuesday, October 31
2:00 PM - 6:00 PM
Colorado Convention Center
Mile High Ballroom 4A-4B, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:00 PM	**Session I. Live Case Demonstrations: Aortic Intervention** **Live Case Moderator:** Robert A. Lookstein **Live Case Co-Moderator:** Brian G. DeRubertis **Live Case Discussants:** Somjot S. Brar, Ali Khoynezhad, Klaus D. Mathias, Christoph A. Nienaber, Virendra Patel, Peter A. Schneider, Hiroo Takayama

	2:00 PM	**Percutaneous EVAR With Low Profile Endograft: Department of Interventional Angiology, University Hospital Leipzig, Leipzig, Germany** **Live Case Operators:** Yvonne Bausback, Daniela Branzan, Manuela Matschuck, Dierk Scheinert, Andrej Schmidt
	2:30 PM	**Hypogastric Preservation With Iliac Branch Device: Department of Interventional Angiology, University Hospital Leipzig, Leipzig, Germany** **Live Case Operators:** Yvonne Bausback, Daniela Branzan, Manuela Matschuck, Dierk Scheinert, Andrej Schmidt
3:00 PM - 4:00 PM	**Session II. Trends in the Treatment of Aortic Disease** **Moderators:** Brian G. DeRubertis, Robert A. Lookstein **Discussants:** Ali Azizzadeh, Peter CJM Goverde, Ali Khoynezhad, Klaus D. Mathias, Christoph A. Nienaber, Virendra Patel, Hiroo Takayama	
	3:00 PM	**Aortoiliac Occlusive Disease: Covered Endovascular Repair of Aortic Bifurcations (CERAB Technique)** Peter CJM Goverde
	3:10 PM	**Endovascular Management of Thoracic Aortic Trauma** Ali Azizzadeh
	3:20 PM	**Evolving Management of "Uncomplicated" Type B Dissections** Christoph A. Nienaber
	3:30 PM	**Endovascular Devices for the Ascending Aorta** Ali Khoynezhad
	3:40 PM	**Roundtable Discussion With Audience Q&A**
4:00 PM - 5:00 PM	**Session III. New Technologies for Aortic Aneurysms** **Moderators:** Brian G. DeRubertis, Peter A. Schneider **Discussants:** Gary M. Ansel, Andrew BarlebEn, D. Christopher Metzger, Virendra Patel, Hiroo Takayama	
	4:00 PM	**Iliac Branch Devices for Hypogastric Preservation During EVAR** Brian G. DeRubertis
	4:10 PM	**Current State of Thoracic Branch Devices and Ongoing Clinical Trials** Hiroo Takayama
	4:20 PM	**Low Profile Endografts: Expanding Treatment Options in Poor Iliac Access** D. Christopher Metzger
	4:30 PM	**Fenestrated EVAR: Current and Future Technology** Virendra Patel
	4:40 PM	**Roundtable Discussion With Audience Q&A**

5:00 PM - 6:00 PM

Session IV. Large Vessel Closure and Management of Aortoiliac Complications

Moderators: Brian G. DeRubertis, Peter A. Schneider
Discussants: Ehrin J. Armstrong, George S Chrysant, Robert A. Lookstein, D. Christopher Metzger, Sahil A. Parikh, Virendra Patel, Rahul Sakhuja

5:00 PM	**Step-by-step Approach for Large Vessel Closure** D. Christopher Metzger
5:10 PM	**Managing Bad Iliac Arteries During EVAR, TEVAR, TAVR, and Percutaneous LVAD Procedures** Peter A. Schneider
5:20 PM	**Persistent Sac Expansion After EVAR: Optimal Approach to Type II Endoleak** Robert A. Lookstein
5:30 PM	**Emergent Control and Repair of Ruptured Iliac Artery During Aortic Procedures** Brian G. DeRubertis
5:40 PM	**Endovascular Rescue for Large Bore Access Failures in the CFA** Rahul Sakhuja
5:50 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: The CTO Summit Part 1 - Evidence, Technique, and Program Building

Tuesday, October 31
2:00 PM - 6:00 PM
Colorado Convention Center
Room 401-404, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 2:55 PM

Session I. The New CTO Evidence

Moderators: Barry D. Rutherford, Robert W. Yeh
Discussants: David J. Cohen, Carlo Di Mario, Stephen G. Ellis, Sanjay Kaul, Vincent On-Hing Kwok, Sigmund Silber

	2:00 PM	**Outcomes and Clinical Implications From DECISION-CTO** Seung-Whan Lee
	2:10 PM	**Outcomes and Clinical Implications From the Euro-CTO Trial** Gerald S. Werner
	2:20 PM	**Outcomes and Clinical Implications From EXPLORE** Jose P.S. Henriques
	2:30 PM	**Master Perspectives: Compared to Medical Therapy, Does CTO PCI Improve Prognosis, or Are the Main Benefits Symptomatic Improvement?** Barry D. Rutherford
	2:40 PM	**Roundtable Discussion With Audience Q&A: What Kind of Clinical Trial Is Necessary to Advance CTO-PCI?**

2:55 PM - 4:30 PM

Session II. Building a CTO Skillset and CTO Program: Learn From Those Who Have Done It

Moderators: James C. Spratt, Simon J. Walsh
Discussants: Yasushi Asakura, Emmanouil S. Brilakis, Christopher E. Buller, Alfredo R. Galassi, Ashish Pershad, Masahisa Yamane

	2:55 PM	**Fundamentals for CTO PCI Success** Emmanouil S. Brilakis
	3:05 PM	**Roundtable Discussion With Audience Q&A**
	3:11 PM	**The Essential Toolbox for CTO PCI** Ravi S. Hira
	3:21 PM	**Roundtable Discussion With Audience Q&A**
	3:26 PM	**Antegrade Wiring: The Latest Approaches** Masahisa Yamane
	3:38 PM	**Roundtable Discussion With Audience Q&A**
	3:43 PM	**Collateral Evaluation: Can I Go Retrograde?** Margaret B. McEntegart
	3:53 PM	**Roundtable Discussion With Audience Q&A**
	3:58 PM	**Antegrade Dissection and Re-entry: Tips and Tricks** Scott Harding
	4:10 PM	**Roundtable Discussion With Audience Q&A**
	4:15 PM	**Difficult Reverse Cart: Solutions to the Challenges** Sanjog Kalra
	4:25 PM	**Roundtable Discussion With Audience Q&A**

4:30 PM - 6:00 PM

Session III. Fundamental Skills and Algorithms for Success

Moderators: Gerald S. Werner, Robert W. Yeh
Discussants: Mauro Carlino, Omer Goktekin, William L. Lombardi, Masahiko Ochiai, Julian Strange, R. Michael Wyman

4:30 PM	**How to Penetrate the Proximal Cap and What to Do When the Wire Can't Puncture** Julian Strange
4:40 PM	**Roundtable Discussion With Audience Q&A**
4:45 PM	**Wire Crosses Proximal Cap, but the Microcatheter Won't Cross: What Now?** Ashish Pershad
4:55 PM	**Roundtable Discussion With Audience Q&A**
5:00 PM	**The Wire Has Crossed the Collateral, but the Microcatheter Won't: Next Steps** Paul Knaapen
5:10 PM	**Roundtable Discussion With Audience Q&A**
5:15 PM	**Managing Proximal and Distal Anatomic Ambiguity** Robert F. Riley
5:25 PM	**Roundtable Discussion With Audience Q&A**
5:30 PM	**The Wire Is Past the Distal Cap, but Not in the Angiographic Lumen: Stepwise Solutions** J. Aaron Grantham
5:40 PM	**Roundtable Discussion With Audience Q&A**
5:45 PM	**Case Presentation: Putting It All Together – A Complex CTO From Beginning to End** **Case Presenter:** William L. Lombardi

Didactic Session: The Left Main and Bifurcation Summit, Part 2 - Left Main Revascularization

Tuesday, October 31
2:00 PM - 6:05 PM
Colorado Convention Center
Room 506-507, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:27 PM

Session I. Left Main PCI and CABG: Evidence-Based Medicine After EXCEL/NOBLE

Moderators: Antonio Colombo, David E. Kandzari
Discussants: Dariusz Dudek, Philippe Garot, John D. Puskas, Bernhard Reimers, Expedito E. Ribeiro, Terje K. Steigen

	2:00 PM	**EXCEL Trial 3-Year Results Updated and New Data** Gregg W. Stone
	2:08 PM	**NOBLE: Core Findings Revisited and New Data** Evald H. Christiansen
	2:16 PM	**Insights From New Meta-Analyses of PCI vs CABG for Left Main Revascularization** Davide Capodanno
	2:24 PM	**Insights From the CABG Arms in EXCEL and NOBLE: What Met Expectations, What Didn't?** John D. Puskas
	2:32 PM	**Insights From the PCI Arms in EXCEL and NOBLE: Can the Outcomes Be Further Improved?** Marie-Claude Morice
	2:40 PM	**Exploring Diversity and Generalizability of EXCEL/NOBLE I: DELTA-2** Alaide Chieffo
	2:48 PM	**Exploring Diversity and Generalizability of EXCEL/NOBLE II: IRIS-MAIN** Duk-Woo Park
	2:56 PM	**Exploring Diversity and Generalizability of EXCEL/NOBLE III: Fu-Wai Left Main Registry** Bo Xu
	3:04 PM	**Should Recommendations for Left Main PCI Be Revised? Personal Perspectives and the Guidelines Process** Stephan Windecker
	3:12 PM	**Roundtable Discussion With Audience Q&A**

3:27 PM - 4:38 PM

Session II. Standards of Left Main PCI

Moderators: David Hildick-Smith, Jeffrey W. Moses
Discussants: Yaron Almagor, Jorge A. Belardi, Nirat Beohar, Michalis Hamilos, R. Stefan Kiesz, Alfredo E. Rodriguez

	3:27 PM	**Imaging Guidance for Left Main PCI: Integrating Evolving Data in the Treatment Algorithm (With Case Examples)** Akiko Maehara
	3:35 PM	**Physiology Guidance for Left Main PCI: Integrating Evolving Data in the Treatment Algorithm (With Case Examples)** Bon-Kwon Koo
	3:43 PM	**Integrating Imaging and Physiology Guidance for Left Main Intervention: Asan Experience** Jung-Min Ahn
	3:51 PM	**Coronary Stents for Left Main PCI: Considerations on Design and Selection, With Bench Examples** Nicolas Foin
	3:59 PM	**Is There a Role for Dedicated Stents for the Left Main Bifurcation? Rationale and Device Landscape (With Case Examples)** Carlo Briguori
	4:07 PM	**Has DK Crush Emerged As the New Standard for Two-Stent Left Main PCI? Results From the DKCRUSH-III and DKCRUSH-V Trials** Zhen Ge
	4:15 PM	**Left Main PCI in the Emergent Setting (STEMI, Catheter-Induced Dissection, Coronary Obstruction During TAVR, and More)** Giovanni GB Pedrazzini
	4:23 PM	**Roundtable Discussion With Audience Q&A**

4:38 PM - 5:34 PM

Session III. Left Main PCI: Interactive Case Corner

Moderators: Kenneth Chin, Nicholas J. Lembo
Discussants: Didier Carrié, Robert J. Gil, Fazila T. Malik, Sunao Nakamura, Miodrag C. Ostojic, Richard A. Schatz

	4:38 PM	**Left Main Case(s) #1: I Did Not Imagine This Case Would Require One Stent Only!** **Case Presenter:** Philippe Garot
	4:46 PM	**Left Main Case(s) #2: I Did Not Imagine This Case Would Require Two Stents!** **Case Presenter:** Goran Stankovic
	4:54 PM	**Left Main Case(s) #4: My Best TAP Cases** **Case Presenter:** Yves R. Louvard
	5:02 PM	**Left Main Case(s) #5: A Complex Left Main Trifurcation** **Case Presenter:** Vinay K. Bahl
	5:10 PM	**Left Main Case(s) #6: A Heavily Calcified Complex Distal Bifurcation** **Case Presenter:** Michael S. Lee
	5:18 PM	**Left Main Case(s) #3: My Best DK-Crush Cases** **Case Presenter:** James B. Hermiller Jr.
	5:26 PM	**Left Main Case(s) #7: Rationale and Feasibility of Bioresorbable Scaffolds** **Case Presenter:** Bernardo Cortese
5:34 PM - 6:05 PM		**Session IV. The Closing Debate: Left Main Guidelines** **Moderators:** Evald H. Christiansen, Erick Schampaert **Discussants:** Daniel H. Berrocal, Detlef G. Mathey, John D. Puskas, Tanveer Rab, David G. Rizik, Barry D. Rutherford
	5:34 PM	**Predebate Vote: Should Left Main PCI Be Class I for Patients With Intermediate and Low SYNTAX Scores?** **Poll Moderators:** Evald H. Christiansen, Erick Schampaert
	5:36 PM	**Debate: Based on EXCEL and NOBLE, PCI Should Become Class IA for Left Main Revascularization If Technically Feasible, at Least in Intermediate and Low SYNTAX Score Patients!** Marco V. Wainstein
	5:44 PM	**Debate: EXCEL and NOBLE Prove That PCI Is Still Far From Being an Acceptable Alternative to CABG for Left Main Revascularization, With the Exception of a Small Proportion of Patients!** John D. Puskas
	5:52 PM	**Postdebate Vote: Should Left Main PCI Be Class I for Patients With Intermediate and Low SYNTAX Scores?** **Poll Moderators:** Evald H. Christiansen, Erick Schampaert
	5:55 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Transcatheter Aortic Valve Therapies, Part 2 - New Technology Forum – TAVR Systems and Accessory Devices

Tuesday, October 31
2:00 PM - 6:00 PM
Colorado Convention Center
Mile High Ballroom 2B-3B, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:15 PM **Session I. Technology Forum – Most Frequently Used TAVR Systems**

Moderators: Vinod H. Thourani, John G. Webb
Discussants: Isaac George, James M. McCabe, Stephen R. Ramee, Simon Redwood, Richard Smalling, Thomas Walther

2:00 PM - 2:15 PM **The SAPIEN 3 TAVR System**

- 2:00 PM **SAPIEN 3 TAVR – Technology Review (Including Sapien 3 ULTRA) and Clinical Program Updates**
  John G. Webb
- 2:08 PM **SAPIEN 3 Procedural Pearls (Including Optimal Sizing Algorithms)**
  Susheel K. Kodali
- 2:13 PM **Roundtable Discussion With Audience Q&A**

2:15 PM - 2:30 PM **The EVOLUT R TAVR System**

- 2:15 PM **EVOLUT R TAVR – Technology Review (Including EVOLUT 34mm and PRO) and Clinical Program Updates**
  John K. Forrest
- 2:23 PM **EVOLUT R Procedural Pearls (Including how NOT to Need a New Pacemaker)**
  Hemal Gada
- 2:28 PM **Roundtable Discussion With Audience Q&A**

2:30 PM - 2:45 PM **The LOTUS TAVR System**

- 2:30 PM **LOTUS TAVR – Technology Review (Including EDGE) and Clinical Program Updates**
  Michael J. Reardon
- 2:38 PM **LOTUS Procedural Pearls (Including How NOT to Need a New Pacemaker)**
  Nicolas M. Van Mieghem
- 2:43 PM **Roundtable Discussion With Audience Q&A**

2:45 PM - 3:00 PM **The ACURATE TAVR System**

2:45 PM	**ACURATE Neo TAVR – Technology Review and Clinical Program Updates** Thomas Walther
2:53 PM	**ACURATE Neo Insights From EU Operators (With Case Examples)** **Case Presenter:** Ulrich Schäfer
2:58 PM	**Roundtable Discussion With Audience Q&A**

3:00 PM - 3:15 PM **The PORTICO TAVR System**

3:00 PM	**PORTICO TAVR – Technology Review and Clinical Program Updates** Gregory P. Fontana
3:08 PM	**PORTICO Insights From EU Operators (With Case Examples)** **Case Presenter:** Ganesh Manoharan
3:13 PM	**Roundtable Discussion With Audience Q&A**

3:15 PM - 4:00 PM **Session II. Technology Forum – Other Interesting TAVR Systems**

Moderators: Jeffrey J. Popma, John G. Webb
Discussants: Nicolo Piazza, Richard Smalling, Lars Sondergaard, Giuseppe Tarantini, Vinod H. Thourani, Nicolas M. Van Mieghem

3:15 PM	**The Anatomically "Correct" JenaValve TAVR System – Pure AR Treatment** Hendrik Treede
3:23 PM	**The Venus A and Venibri TAVR Systems – Better for Bicuspids and Dry Leaflet Technology** Horst Sievert
3:31 PM	**The Self-expanding Single-operator CENTERA TAVR System** Didier Tchetche
3:39 PM	**Endogenous Tissue Restoration: Preclinical Investigation With Restorative Pulmonary and Aortic Valves** Patrick W. Serruys
3:47 PM	**The Global Landscape of TAVR Newcomers** Martin B. Leon
3:55 PM	**Roundtable Discussion With Audience Q&A**

4:00 PM - 6:00 PM

Session III. Technology Forum - TAVR Accessory Devices

Moderators: Michael J. Reardon, Didier Tchetche
Discussants: Marco Barbanti, Stephen J.D. Brecker, Haim Danenberg, Gregory P. Fontana, Jan Kovac

4:00 PM	**The Compelling Saga of Stroke after TAVR: Key Messages From NeuroARC** Alexandra J. Lansky
4:08 PM	**Roundtable Discussion With Audience Q&A**
4:10 PM - 4:45 PM	**Cerebral Embolic Protection Devices**

4:10 PM	**SENTINEL Design Features and Findings From the Meta-Analysis of Three Randomized Clinical Trials** Samir R. Kapadia
4:18 PM	**A Propensity Score Analysis of Matched TAVR Patients With and Without Cerebral Protection** Jochen Wöhrle
4:26 PM	**TRIGUARD Design Features and Clinical Findings From EU Clinical Trials** Joachim Schofer
4:34 PM	**Updates From the U.S. REFLECT Clinical Trial** Tamim Nazif
4:39 PM	**Roundtable Discussion With Audience Q&A**

4:45 PM - 5:32 PM	**Access and Closure**

4:45 PM **The Emergence of Trans-caval TAVR as a Meaningful Alternative Access Approach**
Toby Rogers

4:53 PM **Is the Supra-sternal Approach an Improved Direct Aortic Access for TAVR?**
Andy C. Kiser

4:58 PM **Percutaneous Trans-axillary TAVR: A Step-by-Step Tutorial**
James M. McCabe

5:03 PM **Trans-carotid Access for TAVR Is the Preferred Non-femoral Access of Choice**
Keith B. Allen

5:08 PM **Large-hole Trans-femoral Closure I: The Manta Device**
Nicolas M. Van Mieghem

5:16 PM **Large-hole Trans-femoral Closure II: The Inseal Device**
Ran Kornowski

5:21 PM **Large-hole Trans-femoral Closure III: The PerQseal Device**
Jeffrey J. Popma

5:26 PM **Roundtable Discussion With Audience Q&A**

5:32 PM - 6:00 PM **Pacemakers, Balloons, and Imaging**

5:32 PM **Advances in Temporary Transvenous Pacemakers: The BioTrace Active Fixation Lead**
Tamim Nazif

5:40 PM **Perfusion Balloon Valvuloplasty: Technology Features and Clinical Applications of the TRUE-FLOW Balloon**
Susheel K. Kodali

5:48 PM **The Role of Echo and CT Fusion Imaging to Guide TAVR**
Rebecca T. Hahn

5:56 PM **Roundtable Discussion With Audience Q&A**

Didactic Session: Transcatheter Mitral Valve Therapies, Part 2 - Mitral Valve Replacement and Device Selection

Tuesday, October 31
2:00 PM - 6:08 PM

Colorado Convention Center
Mile High Ballroom 2A-3A, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:40 PM	**Session I. TMVR Device-Specific Outcomes** **Moderators:** Howard C. Herrmann, Michael J. Mack **Discussants:** Shmuel Banai, Anson Cheung, Eric A. Cohen, Andrea Colli, Alfredo Trento, Olaf Wendler, Ajit Yoganathan

2:00 PM	**Keynote Address: Grand Summary of the Vast TMVR Landscape - Differentiating Features and Outcomes** Bernard Prendergast
2:10 PM	**Established TMVR 1: Cardiaq - Device Description, Strengths and Weaknesses, and Updated Summary Outcomes** James B. Hermiller Jr.
2:17 PM	**Established TMVR 2: Tiara - Device Description, Strengths and Weaknesses, and Updated Summary Outcomes** Anson Cheung
2:24 PM	**Established TMVR 3: Tendyne - Device Description, Strengths and Weaknesses, and Updated Summary Outcomes** David W.M. Muller
2:31 PM	**Established TMVR 4: Intrepid - Device Description, Strengths and Weaknesses, and Updated Summary Outcomes** Vinayak Bapat
2:38 PM	**Established TMVR 5: Highlife - Device Description, Strengths and Weaknesses, and Updated Summary Outcomes** Nicolo Piazza
2:45 PM	**Established TMVR 6: Caisson - Device Description, Strengths and Weaknesses, and Updated Summary Outcomes** Mathew Williams
2:52 PM	**Emerging TMVR 1: Cephea - Device Description, Critical Appraisal, and Development Plans** Juan F. Granada
2:57 PM	**Emerging TMVR 2: 4C - Device Description, Critical Appraisal, and Development Plans** Philippe Genereux
3:02 PM	**Emerging TMVR 3: M-Dock - Device Description, Critical Appraisal, and Development Plans** Maurice Buchbinder
3:07 PM	**Emerging TMVR 4: Corona Valve With Amend Ring - Device Description, Critical Appraisal, and Development Plans** David Meerkin
3:12 PM	**Emerging TMVR 5: Mitraltech - Device Description, Critical Appraisal, and Development Plans** Francesco Maisano
3:17 PM	**Musings on TMVR Patient Selection Criteria to Date, and Which Patients Should Be Put in TMVR Trials Rather Than Treated Clinically With Current Devices** Howard C. Herrmann
3:24 PM	**Roundtable Discussion With Audience Q&A**

3:35 PM - 4:48 PM

Session II. TMVR Complications

Moderators: Vinayak Bapat, Maurice Buchbinder
Discussants: Gorav Ailawadi, Eric A. Cohen, Alexander Lauten, Randolph P. Martin, Bernard Prendergast, Mathew Williams

3:35 PM	**Keynote Address: The Spectrum Of TMVR Complications - Frequency, Implications, and Prevention and Treatment** Neil E. Moat
3:45 PM	**Transapical Access Update: Complications, Impact On LV Function, and Emerging Closure Devices** Hendrik Treede
3:52 PM	**Case Presentation: TMVR With Transapical Complications** **Case Presenter:** Vinod H. Thourani
3:59 PM	**Iatrogenic ASD After Transseptal Procedures: How to Assess, When to Close** Christian Spies
4:04 PM	**Frequency/Prevention/Treatment of LVOT Obstruction: Alcohol, Septal, Ablation, and LAMPOON** Jaffar M Khan
4:12 PM	**Paravalvular Leak and Hemolysis After TMVR: Incidence, Diagnosis, and Treatment** Carlos E. Ruiz
4:19 PM	**LV Perforation After Transcatheter Mitral Valve Procedures: Frequency, Treatment Options, and Outcomes** Anita Asgar
4:25 PM	**Antithrombotic Therapy Considerations After TMVR: What Can We Learn From the Surgical Experience?** Vinayak Bapat
4:31 PM	**Case Presentation: Valve Thrombosis After TMVR** **Case Presenter:** Fabien Praz
4:36 PM	**Roundtable Discussion With Audience Q&A**

4:48 PM - 6:03 PM

Session III. Transcatheter Mitral Valve Therapies: Patient Selection Considerations

Moderators: Samir R. Kapadia, Karl-Heinz Kuck
Discussants: Saif Anwaruddin, Anita Asgar, Steven F. Bolling, Gilles Dreyfus, Sameer Gafoor, Jason H. Rogers

4:48 PM	**Combination Therapies I: When and How to Consider TMVT and TAVR** Joachim Schofer
4:54 PM	**Combination Therapies II: When and How to Consider TMVT and LAA Closure** Fabian Nietlispach
5:00 PM	**Combination Therapies III: When and How to Consider TMVT and Tricuspid Valve Repair** Rebecca T. Hahn

5:06 PM	**Roundtable Discussion With Audience Q&A**
5:11 PM	**Flash Debate: If I Could Only Have One Transcatheter Therapy for Mitral Regurgitation - Make It Edge-to-Edge Repair!** Colin M. Barker
5:16 PM	**Flash Debate: If I Could Only Have One Transcatheter Therapy for Mitral Regurgitation - Make It an Annuloplasty Device!** Ralph Stephan von Bardeleben
5:21 PM	**Flash Debate: If I Could Only Have One Transcatheter Therapy for Mitral Regurgitation - Make It Transfemoral Mitral Valve Replacement!** Martin B. Leon
5:26 PM	**Postdebate Audience Poll: If You Can Only Have One Transcatheter Therapy for Mitral Regurgitation…** **Poll Moderators:** Samir R. Kapadia, Karl-Heinz Kuck
5:28 PM	**Case #1 Introduction: Functional MR With Non-Complex Anatomy in a High Clinical Risk Patient** **Case Presenter:** Maurizio Taramasso
5:32 PM	**How Should We Treat This Patient? Roundtable Discussion With Audience Q&A**
5:36 PM	**Case #1 Conclusion: How We Treated Functional MR With Non-Complex Anatomy in a High Clinical Risk Patient** **Case Presenter:** Maurizio Taramasso
5:40 PM	**Case #2 Introduction: Functional MR With Multiple Jets in an Intermediate Clinical Risk Patient** **Case Presenter:** Roger J. Laham
5:44 PM	**How Should We Treat This Patient? Roundtable Discussion With Audience Q&A**
5:48 PM	**Case #2 Conclusion: How We Treated Functional MR With Multiple Jets in an Intermediate Clinical Risk Patient** **Case Presenter:** Roger J. Laham
5:52 PM	**Case #3 Introduction: Degenerative MR With Flail Leaflet(S) in an Intermediate Clinical Risk Patient** **Case Presenter:** Olaf Franzen
5:56 PM	**How Should We Treat This Patient? Roundtable Discussion With Audience Q&A**
6:00 PM	**Case #3 Conclusion: How We Treated Degenerative MR With Flail Leaflet(s) in an Intermediate Clinical Risk Patient** **Case Presenter:** Olaf Franzen

TCT360: Aortoiliac and Renal/Mesenteric Intervention

Tuesday, October 31
8:00 AM - 1:15 PM

Colorado Convention Center
Virtual Session
Accreditation: none

8:00 AM - 8:45 AM

Session I. Aorto-Iliac Intervention I: State-of-the-Art

Moderators: Philip Green, Mehdi H. Shishehbor
Discussants: J. Dawn Abbott, J. Stephen Jenkins, Klaus D. Mathias

	8:00 AM	**Radial Access for Aorto-Iliac Intervention: Tips and Tricks** Kevin Rogers
	8:10 AM	**Optimal Patient and Lesion Selection for Aorto-Iliac Intervention** Philip Green
	8:20 AM	**Managing Complications of Aorto-Iliac Intervention** J. Stephen Jenkins
	8:30 AM	**Panel Discussion**

8:45 AM - 9:00 AM

Break

9:00 AM - 9:45 AM

Session II. Aorto-Iliac Intervention II: State-of-the-Art

Moderators: Ehrin J. Armstrong, Brian G. DeRubertis
Discussants: Dmitriy N. Feldman, Bryan T. Fisher, Yann Gouëffic

	9:00 AM	**Management of External Iliac Artery In-stent Restenosis** Ehrin J. Armstrong
	9:10 AM	**Approaches to Aorto-Iliac CTOs: Tips and Tricks** Bryan T. Fisher
	9:20 AM	**Aorto-Iliac Intervention: Treating the Right Patient, at the Right Time, With the Right Strategy (Appropriate Use Considerations)** Dmitriy N. Feldman
	9:30 AM	**Panel Discussion**

9:45 AM - 10:00 AM

Break

10:00 AM - 10:30 AM

Session III. Aorto-Iliac Rupture: A Case-Based Discussion

Moderator: Stephen R. Ramee
Discussants: Bryan T. Fisher, Jay S. Giri, Virendra Patel

	10:00 AM	**Diagnosis and Management of External Iliac Rupture: Case Introduction** **Case Presenter:** Jay S. Giri
	10:05 AM	**Panel Discussion**
	10:20 AM	**Diagnosis and Management of External Iliac Rupture: Our Approach and Outcome** **Case Presenter:** Jay S. Giri
10:30 AM - 10:45 AM		**Break**
10:45 AM - 11:30 AM		**Session IV. Renal Artery Intervention: State-of-the-Art** **Moderators:** Michael R. Jaff, Stephen C. Textor **Discussants:** Christopher J. Cooper, Massoud A. Leesar, Robert D. Safian
	10:45 AM	**Optimal Technique 1: Hemodynamic Assessment of Renal Stenosis** Massoud A. Leesar
	10:55 AM	**Optimal Technique 2: Radial vs Femoral Access - Tips and Tricks** Robert D. Safian
	11:05 AM	**Patient Selection for Revascularization: Appropriate Use Considerations** Stephen C. Textor
	11:15 AM	**Panel Discussion**
11:30 AM - 11:45 AM		**Break**
11:45 AM - 12:20 PM		**Session V. Debating Renal Artery Intervention** **Moderators:** Robert D. Safian, Christopher J. White **Discussants:** Mark C. Bates, Christopher J. Cooper, Anthony L. Pucillo, Thomas Zeller
	11:45 AM	**Management of Unilateral RAS With Uncontrolled Hypertension on Three Meds: Pro Renal Stenting** Mark C. Bates
	11:55 AM	**Management of Unilateral RAS With Uncontrolled Hypertension on Three Meds: Pro Additional Medical Management** Christopher J. Cooper
	12:05 PM	**Panel Discussion**
12:20 PM - 12:30 PM		**Break**

12:30 PM - 1:15 PM

Session VI. Mesenteric Intervention for Chronic Mesenteric Ischemia: State-of-the-Art

Moderators: D. Christopher Metzger, Ido Weinberg
Discussants: J. Stephen Jenkins, Robert A. Lookstein

12:30 PM	**Optimal Technique: Radial vs Femoral Access, and Optimizing Patency With Covered vs Bare Metal Stents** D. Christopher Metzger
12:40 PM	**Optimal Patient Selection for Mesenteric Stenting: Clinical and Anatomic Tips and Tricks** Robert A. Lookstein
12:50 PM	**Surgical vs Endovascular Treatment and Outcomes: Appropriate Use Considerations** Peter A. Schneider
1:00 PM	**Panel Discussion**

TCT360: Office-Based Endovascular Procedures

Tuesday, October 31
8:00 AM - 12:50 PM
Colorado Convention Center
Virtual Sessions
Accreditation: none

8:00 AM - 9:05 AM

Session I. Office-Based Models and Practice Settings for Endovascular Interventions

Moderator: Bret N. Wiechmann
Discussants: Donald S Cross, William H. Julien, Guy S. Mayeda

	8:00 AM	**The Office-Based Interventional Suite in Private Practice** William H. Julien
	8:10 AM	**The Office-Based Interventional Suite in the Academic Setting** Brian G. DeRubertis
	8:20 AM	**The European Experience With Outpatient Endovascular Intervention** Yann Gouëffic
	8:30 AM	**Office Interventional Suite vs Ambulatory Surgery Centers vs Hybrid Models: Which Is Right for Your Practice?** Donald S Cross
	8:40 AM	**Corporate Management, Private Ownership, and Other Models for Office-Based Endovascular Intervention** Guy S. Mayeda
	8:50 AM	**Panel Discussion**
9:05 AM - 9:15 AM	**Break**	
9:15 AM - 10:20 AM	**Session II. Quality, Safety, and Patient Experience in Office-Based Endovascular Procedures** **Moderator:** Jeffrey G. Carr **Discussants:** Samuel Ahn, Schuyler Jones, Guy S. Mayeda, Bret N. Wiechmann	
	9:15 AM	**Accreditation and Quality Standards in Outpatient Labs: SCOCAP** Samuel Ahn
	9:25 AM	**Complication Management and Avoidance in the Office-Based Setting** Bret N. Wiechmann
	9:35 AM	**Impact of Office-Based Procedures on the Patient Experience** Guy S. Mayeda
	9:45 AM	**Outcome Assessment and Importance of Registry Data for Office-Based Endovascular Procedures** Jeffrey G. Carr
	9:55 AM	**Impact of Treatment Location on Clinical Outcomes of Office-Based Endovascular Procedures** Schuyler Jones
	10:05 AM	**Panel Discussion**
10:20 AM - 10:30 AM	**Break**	

10:30 AM - 11:35 AM	**Session III. Diversity in Access to Care and Other Important Topics in Office-Based Intervention** **Moderators:** Jeffrey G. Carr, Bret N. Wiechmann **Discussants:** Donald S Cross, Bryan T. Fisher, Steve Henao, Joel Rainwater	
	10:30 AM	**Access to Vascular Care in the US: African American Experience** Bryan T. Fisher
	10:40 AM	**Access to Vascular Care in the US: Mexican American Experience** Steve Henao
	10:50 AM	**Access to Vascular Care in the US: Native American Experience** Joel Rainwater
	11:00 AM	**Office Interventional Suite vs Ambulatory Surgery Centers vs Hybrid Models: Which Is Right for Your Practice?** Donald S Cross
	11:10 AM	**Reimbursement Models for Office Interventional Suites and Ambulatory Surgery Centers** Jeffrey G. Carr
	11:20 AM	**Panel Discussion**
11:35 AM - 11:45 AM	**Break**	
11:45 AM - 12:50 PM	**Session IV. Achieving Procedural Success in Office Interventional Suites** **Moderators:** Brian G. DeRubertis, Bret N. Wiechmann **Discussants:** Jeffrey G. Carr, Tony Das, William H. Julien	
	11:45 AM	**Outpatient Same Day PCI and CRM Procedures** Jeffrey G. Carr
	11:55 AM	**CLI and Lower Extremity Intervention: Devices and Techniques for Complex Disease in the Office Interventional Suites** Brian G. DeRubertis
	12:05 PM	**Evidence-Based Decision-making for Office-Based Endovascular Procedures** Tony Das
	12:15 PM	**Venous Interventions in the Office-Based Suite: Iliocaval, May Thurner Syndrome, and Other Deep Venous Procedures** William H. Julien
	12:25 PM	**Pelvic Congestion Syndrome: Management and Developing an Office-Based Practice** Bret N. Wiechmann
	12:35 PM	**Panel Discussion**

TCT360: Cardiac Regeneration and Repair - Discovery and Debate, Part I

Tuesday, October 31
1:15 PM - 6:00 PM
Colorado Convention Center
Virtual Sessions
Accreditation: none

1:15 PM - 2:06 PM	**Session I. Update on Myocardial Repair for Acute Myocardial Infarction** **Moderators:** Francisco Fdez-Aviles, Ricardo Sanz-Ruiz **Discussants:** Emerson C. Perin, Jose M. de la Torre Hernandez	
	1:15 PM	**The Clinical Point of View: Is There an AMI Need for Cell Therapy?** Jose M. de la Torre Hernandez
	1:27 PM	**US Trial Background and Update: Preserve-AMI** Timothy D. Henry
	1:39 PM	**Trials With Cardiac Derived Cells: CAREMI and ALLSTAR** Ricardo Sanz-Ruiz
	1:51 PM	**Roundtable Discussion**
2:06 PM - 2:30 PM	**Break**	
2:30 PM - 3:45 PM	**Session II. Update on Myocardial Regeneration for Chronic Heart Failure** **Moderators:** Francisco Fdez-Aviles, Emerson C. Perin **Discussants:** Jozef Bartunek, Timothy D. Henry, Frank Litvack, Amit N. Patel	
	2:30 PM	**In Which Direction is Cell Based Heart Failure Therapy Headed?** Emerson C. Perin
	2:42 PM	**New Targets: Heart Failure With Preserved Ejection Fraction** Eugenio Cingolani
	2:54 PM	**New Products: Ixmyelocel and Allogeneic Mesenchymal Stem Cells** Timothy D. Henry
	3:06 PM	**New Strategies for a Chronic Scenario: Combinative Approaches** Amit N. Patel
	3:18 PM	**First of the Class: Tissue Engineering** Andreu M Climent
	3:30 PM	**Roundtable Discussion**

3:45 PM - 4:00 PM	**Break**	
4:00 PM - 4:55 PM	**Session III. Update on Improving Perfusion in Refractory Angina and Ischemic Limbs** **Moderators:** Timothy D. Henry, Marc S. Penn **Discussants:** Jens Kastrup, Roger J. Laham, Krishna J. Rocha-Singh, Wojtek Wojakowski	
	4:00 PM	**New Trials: REGENT-VSEL** Wojtek Wojakowski
	4:10 PM	**New Strategies: Repetitive Injections** Ricardo Sanz-Ruiz
	4:20 PM	**Critical Limb Ischemia Update, and the STOP-PAD Trial** Mehdi H. Shishehbor
	4:30 PM	**My Belief: Cell Therapy for Refractory Ischemia Is Ready for Daily Practice!** Timothy D. Henry
	4:40 PM	**Roundtable Discussion**
4:55 PM - 5:05 PM	**Break**	
5:05 PM - 6:00 PM	**Session IV. Update on Regenerative Strategies for Sudden Death and Ventricular Arrhythmias** **Moderators:** Andreu M Climent, Amit N. Patel **Discussants:** Angel Arenal, Eugenio Cingolani, Nabil Dib, Jose M. de la Torre Hernandez	
	5:05 PM	**The Clinical Point of View: The Need for and Challenges of Regenerative Strategies to Reduce Sudden Death** Gary L. Schaer
	5:15 PM	**Focal Reduction of Scar to Reduce Ventricular Arrhythmias** Eugenio Cingolani
	5:25 PM	**Heterogeneous Tissue Is Most Important! Reduction of the Substrate for Ventricular Arrhythmias Will Have Better Impact on Cardiovascular Mortality** Angel Arenal
	5:35 PM	**Next Generation Bio Innovation** Amit N. Patel
	5:45 PM	**Roundtable Discussion**

TCT360: Metallic Stents- Devices and Outcomes Part II

Tuesday, October 31
3:00 PM - 4:01 PM
Colorado Convention Center
Virtual Session
Accreditation: none

3:00 PM - 4:01 PM

Session V. Bioabsorbable Polymer-Based Metallic DES Part 2: Emerging Technologies

Moderators: Manel Sabate, Joanna J. Wykrzykowska
Discussants: Donald Cutlip, Junbo Ge, Robert J. de Winter

3:00 PM	**The Combo Stent: From Concept to Clinical Performance** Roxana Mehran
3:07 PM	**Outcomes With a Thin-Strut PLLA-Based Sirolimus-Eluting Stent 1: Biomime** Roberto Botelho
3:14 PM	**Outcomes With a Thin-Strut PLLA-Based Sirolimus-Eluting Stent 2: Inspiron** Pedro A. Lemos
3:21 PM	**The DESyne Novolimus-Eluting Coronary Stent: Results From the Excella Trials** Javaid Iqbal
3:28 PM	**Abluminus Sirolimus-Eluting Stent: Specifications and Clinical Development** Luca Testa
3:35 PM	**Buma Stent: Device Specifications, Clinical Trial Results, and Global Development** Kefei Dou
3:42 PM	**Firehawk Sirolimus-Eluting Stent: Device Specifications and Clinical Program Update** Qi Zhang
3:49 PM	**Roundtable Discussion: Novel Attributes of These New Devices**

TCT360: Mitral ViV/ViR/ViMAC Experiences and Outcomes

Tuesday, October 31
4:15 PM - 5:15 PM
Colorado Convention Center
Virtual Session
Accreditation: none

4:15 PM - 5:15 PM

Mitral ViV/ViR/ViMAC Experiences and Outcomes

Moderators: Mayra Guerrero, John G. Webb
Discussants: Danny Dvir, Eulogio J. Garcia, Patrick M. McCarthy, Helge Möllmann

4:15 PM	**Surgical Perspectives on MAC and Bioprosthetic Valve and Ring Failures: Implications for Transcatheter Therapies** Patrick M. McCarthy
4:22 PM	**Acute and Long-term Outcomes of ViMAC: Improving Success Through Careful Patient Selection and Optimal Technique** Mayra Guerrero
4:29 PM	**What Can We Learn From CT Imaging to Guide ViMAC Procedures?** Philipp Blanke
4:34 PM	**Case Presentation: Valve-in-MAC** **Case Presenter:** Isaac George
4:39 PM	**Valve-in-Valve: Patient Selection, Technical Pearls, and Outcomes** Isaac George
4:46 PM	**Case Presentation: Valve-in-Valve** **Case Presenter:** Brian K. Whisenant
4:51 PM	**Valve-in-Ring: Patient Selection, Technical Pearls, and Outcomes** Danny Dvir
4:58 PM	**Case Presentation: Valve-in-Ring** **Case Presenter:** Ganesh Manoharan
5:03 PM	**Roundtable Discussion**

Featured Clinical Research I: Presented to the Editors of Circulation

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 703, Meeting Room Level
Accreditation: CME/MOC/CNE

12:00 PM - 1:00 PM	**Featured Clinical Research (Sponsored by Circulation): Presentations to the Editors** **Moderators:** David P. Faxon, Joseph A. Hill **Discussants:** J. Dawn Abbott, Dharam J. Kumbhani, Sunil V. Rao

12:00 PM	**ABSORB 3-Year Meta-analysis: 3-Year Outcomes of a Bioresorbable Scaffold Compared to a Metallic DES From an Individual Patient Data Meta-analysis of Four Randomized Trials** Ziad A. Ali
12:10 PM	**Editor's Appraisal With Audience Q&A**
12:15 PM	**RECOVERY: A Randomized Trial of a Bioabsorbable Polymer-Based Metallic DES With a Luminal CD34+ Antibody Coating vs a Polymer-Free Metallic DES in Patients With Coronary Artery Disease** Ling Tao
12:25 PM	**Editor's Appraisal With Audience Q&A**
12:30 PM	**DEBATE-SFA: A Randomized Trial of a BMS With or Without Cilostazol vs a DES in Patients With Femoropopliteal Disease** Yusuke Miyashita
12:40 PM	**Editor's Appraisal With Audience Q&A**
12:45 PM	**RECAP: A Sham-Controlled Randomized Trial of Radiation Protection in Patients Undergoing PCI** Wieneke Vlastra
12:55 PM	**Editor's Appraisal With Audience Q&A**

Featured Clinical Research III: Presented to the Editors of JACC

Tuesday, October 31
12:30 PM - 1:30 PM
Colorado Convention Center
Mile High Ballroom 1A-1B, Ballroom Level
Accreditation: CME/MOC/CNE

12:30 PM - 1:30 PM	**Featured Clinical Research (Sponsored by JACC): Presentations to the Editors** **Moderators:** Y. S. Chandrashekhar, David J. Moliterno **Discussants:** Eric R. Bates, Samir R. Kapadia, Takeshi Kimura, Bon-Kwon Koo, Habib Samady, E. Murat Tuzcu

12:30 PM	**VALIDATE-SWEDEHEART STEMI: A Randomized Trial of Bivalirudin vs Heparin Monotherapy in Patients With STEMI** Stefan K. James
12:40 PM	**Editor's Appraisal With Audience Q&A**
12:45 PM	**ABSORB PSP: Impact of Technique on Early and Late Outcomes Following Coronary Bioresorbable Scaffold Implantation** Gregg W. Stone
12:55 PM	**Editor's Appraisal With Audience Q&A**
1:00 PM	**MARE: Ambulatory Electrocardiographic Monitoring With an Implantable Loop Recorder in Patients With New-Onset Persistent LBBB After TAVR** Josep Rodés-Cabau
1:10 PM	**Editor's Appraisal With Audience Q&A**
1:15 PM	**ReASSESS: Diagnostic Accuracy of FFRCT and SPECT Perfusion Imaging Compared to FFR in Patients With Coronary Artery Disease** Niels Peter Rønnow Sand
1:25 PM	**Editor's Appraisal With Audience Q&A**

Featured Clinical Research II: Presented to the Editors of European Heart Journal

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 703, Meeting Room Level
Accreditation: CME/MOC/CNE

1:00 PM - 2:00 PM	**Featured Clinical Research (Sponsored by the European Heart Journal):** **Moderator:** Thomas F. Luscher **Co-Moderator:** Patrick W. Serruys **Discussants:** Carlo Di Mario, Bernard J. Gersh, Lorenz Raber, William C. Wijns

1:00 PM	**XINSORB: A Randomized Trial of a Bioresorbable Scaffold vs a Metallic DES in Patients With Coronary Artery Disease** Junbo Ge
1:10 PM	**Editor's Appraisal With Audience Q&A**
1:15 PM	**VALIDATE-SWEDEHEART NSTEMI: A Randomized Trial of Bivalirudin vs Heparin Monotherapy in Patients With NSTEMI** David Erlinge
1:25 PM	**Editor's Appraisal With Audience Q&A**
1:30 PM	**ILUMIEN III: 1-Year Outcomes From a Randomized Trial of OCT-Guided vs IVUS-Guided vs Angiography-Guided Stent Implantation** Ziad A. Ali
1:40 PM	**Editor's Appraisal With Audience Q&A**
1:45 PM	**RIBS IV: 3-Year Outcomes From a Randomized Trial of a Metallic DES vs a Drug-Eluting Balloon in Patients With DES Restenosis** Fernando Alfonso
1:55 PM	**Editor's Appraisal With Audience Q&A**

FDA Town Hall Meeting Part 2: Topics of Interest

Tuesday, October 31
1:00 PM - 5:30 PM
Colorado Convention Center
Four Seasons Ballroom 4, Ballroom Level
Accreditation: CME/CNE/MOC

1:00 PM - 2:00 PM	**Session I. Coronary Metallic DES and Bioresorbable Scaffolds: Regulatory, Clinical, and Industry Perspectives** **Moderators:** Mitchell W. Krucoff, P.F. Adrian Magee **Discussants:** Jeffrey A. Anderson, Andrew Farb, Rajiv Jauhar, Roxana Mehran, Semih Oktay, Kamal Ramzipoor, Stephen Rowland, Chuck Simonton, Hans-Peter Stoll, Stephan Windecker

	1:00 PM	**The High-Bleeding-Risk Patient: Physician-Scientist Perspectives on Appropriate Patients and DAPT Duration** Marie-Claude Morice
	1:08 PM	**The High-Bleeding-Risk Patient: Physician-Scientist Perspectives on Standard vs Novel DES and DAPT Duration** Ajay J. Kirtane
	1:16 PM	**FDA Perspectives on Short DAPT IDE Trials** P.F. Adrian Magee
	1:24 PM	**Roundtable Discussion With Audience Q&A**
	1:34 PM	**Bioresorbable Scaffolds One Year After Approval: Physician-scientist Perspectives on Current and Future BRS** Gregg W. Stone
	1:42 PM	**Bioresorbable Scaffolds One Year After Approval: FDA Perspectives on Current and Future BRS** Andrew Farb
	1:50 PM	**Roundtable Discussion With Audience Q&A**
2:00 PM - 3:05 PM	**Session II. Expanding the TAVR Landscape** **Moderators:** Martin B. Leon, Changfu Wu **Discussants:** Samir R. Kapadia, A. Pieter Kappetein, Alexandra J. Lansky, John C Laschinger, Alexander Lauten, Ian T. Meredith, Azin Parhizgar, Jaime Raben, Rhonda J Robb, Lars Sondergaard, Sadaf Toor, Larry L. Wood	
	2:00 PM	**Industry Perspective on Real-World Evidence for TAVR Outcomes – Where are the Opportunities?** Larry L. Wood
	2:10 PM	**Embolic Protection Devices For TAVR Procedures: Lessons Learned From SENTINEL and Other Experiences** Martin B. Leon
	2:20 PM	**Valve Degeneration and Leaflet Mobility Considerations: Assessing Clinical Relevance** Lars Sondergaard
	2:30 PM	**FDA Perspectives on TAVR Label Expansion Using Real-World Evidence, Valve Degeneration, and Embolic Protection Devices** John C Laschinger
	2:45 PM	**Roundtable Discussion With Audience Q&A**
3:05 PM - 4:10 PM	**Session III. Mitral and Tricuspid Repair/Replacement Devices** **Moderators:** Steven F. Bolling, John C Laschinger **Discussants:** David H. Adams, Ori Ben-Yehuda, Ted Feldman, David Pomfret, Jason H. Rogers, Gregg W. Stone, Eric Vang, Bernard Vasseur	

	3:05 PM	**Transcatheter FMR Mitral Valve Repair Device Trials for Regulatory Approval Post-COAPT: Lessons Learned, Future Directions** Ori Ben-Yehuda
	3:15 PM	**Transcatheter Mitral Valve Replacement Device Trials: Regulatory Approval Trial Design Considerations** Martin B. Leon
	3:25 PM	**Transcatheter Tricuspid Valve Therapies: Success Criteria and Challenges for Clinical Investigation** Samir R. Kapadia
	3:35 PM	**Approval Pathways for Transcatheter Mitral and Tricuspid Valve Therapies** Bernard Vasseur
	3:50 PM	**Roundtable Discussion With Audience Q&A**

4:10 PM - 4:50 PM

Session IV: Percutaneous Circulatory Support Devices: Current Status, Lessons learned, and Unmet Clinical Needs

Moderators: David E. Kandzari, Jaime Raben
Discussants: Ulrich P. Jorde, John C Laschinger, Perwaiz M. Meraj, Michael R Minogue, Ileana L. Pina, Duane S. Pinto, Stuart J. Pocock, Chuck Simonton, Nir Uriel

	4:10 PM	**Trial Design Considerations for Percutaneous Mechanical Support Devices: Necessity, Challenges, and Lessons Learned** David E. Kandzari
	4:20 PM	**Percutaneous Mechanical Support Devices: Current Uses and Unmet Clinical Needs** John C Laschinger
	4:30 PM	**Roundtable Discussion With Audience Q&A**
	4:45 PM	**Focused Roundtable Discussion: Reimbursement for Percutaneous Mechanical Support Devices**

4:50 PM - 5:30 PM

Session V: Device-Based Hypertension Treatments, Including Renal Denervation

Moderators: Hiren Mistry, Michael A. Weber
Discussants: Michael Böhm, Justin E. Davies, Ajay J. Kirtane, Felix Mahfoud, Manuela Negoita, Stuart J. Pocock, Paul A. Sobotka

	4:50 PM	**Renal Denervation Trial Design Considerations: Challenges and Lessons Learned** Michael Böhm
	5:00 PM	**FDA Perspectives: Devices to Control Hypertension - Patient Populations, Endpoints and Other Considerations** Hiren Mistry
	5:10 PM	**Roundtable Discussion With Audience Q&A**
	5:25 PM	**Focused Roundtable Discussion: Reimbursement for Device-Based Hypertension Treatments**

International Session: Complex Structural Cardiovascular Interventions, Presented by Cardiology Society of Serbia Working Group on Interventional Cardiology, FYR Macedonian Society of Cardiology, Hellenic Society Working Group on Interventional Cardiology, Cyprus Society of Cardiology, and Slovenian Working Group for Interventional Cardiology

Tuesday, October 31
9:00 AM - 10:30 AM
Colorado Convention Center
Room 706, Meeting Room Level
Accreditation: none

9:00 AM - 10:30 AM

Session I. Complex Structural Cardiovascular Interventions

Moderator: Emmanouil I Skalidis
Discussants: Matjaz Bunc, Christos Christou, Michalis Hamilos, Sasko Kedev, Milan A. Nedeljkovic, Konstantinos Toutouzas

9:00 AM	**Serbia Presents: Valve-in-Valve After TAVR Device Degeneration** **Case Presenter:** Milan A. Nedeljkovic
9:13 AM	**Roundtable Discussion With Audience Q&A**
9:18 AM	**FYRM Macedonia Presents: Minimalistic Approach for TAVR in Bicuspid Aortic Valve After Liver Transplant** **Case Presenter:** Sasko Kedev
9:31 AM	**Roundtable Discussion With Audience Q&A**
9:36 AM	**Greece Presents: Prosthetic Valve Embolization** **Case Presenter:** Michalis Hamilos
9:49 AM	**Roundtable Discussion With Audience Q&A**
9:54 AM	**Cyprus Presents: Mitral Valve Paravalvular Leak Device Closure** **Case Presenter:** Christos Christou
10:07 AM	**Roundtable Discussion With Audience Q&A**
10:12 AM	**Slovenia Presents: MitraClip in Severe Ischemic Heart Disease - Hybrid Treatment Approach** **Case Presenter:** Matjaz Bunc
10:25 AM	**Roundtable Discussion With Audience Q&A**

International Session: Dilemmas in TAVR and NSTEMI, Presented by the Russian Scientific Society of Endovascular Therapies, British Cardiovascular Intervention Society, and Scottish Cardiac Society Working Group

Tuesday, October 31
10:00 AM - 11:30 AM

Colorado Convention Center
Room 702/704, Meeting Room Level
Accreditation: none

10:00 AM - 10:45 AM

Session I. Dilemmas in TAVR

Moderators: Nick Curzen, Rod H. Stables
Discussants: Margaret B. McEntegart, Alexey Protopopov, Roman Tarasov, James R Wilkinson, Dmitry Zverev

10:00 AM	**Case #1 Introduction: Low-Risk 65-Year-Old Patient With Severe Aortic Stenosis Refuses Surgical TAVR Because They Want TAVR** **Case Presenter:** Nick Curzen
10:05 AM	**Case Comments: How Should We Treat This Patient?** Dmitry Zverev
10:08 AM	**Case Comments: What Does the Literature Tell Us?** James R Wilkinson
10:11 AM	**Roundtable Discussion With Audience Q&A**
10:16 AM	**Case #2 Introduction: 85-Year-Old Patient With Previous Stents and Severe Aortic Stenosis, Reduced LVEF, Chronic Anemia, and Mild Renal Impairment Develops Atrial Fibrillation After TAVR** **Case Presenter:** Nick Curzen
10:21 AM	**Case Comments: What Antithrombotic/Antiplatelet Regimen Should We Start?** Alexey Protopopov
10:24 AM	**Case Comments: What Does the Literature Tell Us?** Margaret B. McEntegart
10:27 AM	**Roundtable Discussion With Audience Q&A**
10:30 AM	**Case #3 Introduction: Patient With Previous CABG Undergoes Successful Transfemoral TAVR via a Tortuous Aorta; and a Few Hours Later, He Becomes Hypotensive, Complains of Chest Pain, and Has T-Wave Inversion in V1-V3** **Case Presenter:** Nick Curzen
10:35 AM	**Case Comments: How Should We Manage This Patient?** Roman Tarasov
10:38 AM	**Case #3 Conclusion: How We Managed This Patient** **Case Presenter:** Nick Curzen
10:41 AM	**Roundtable Discussion With Audience Q&A**

10:45 AM - 11:30 AM

Session II. Dilemmas in NSTEMI

Moderators: Sergey A. Abugov, Alexey Protopopov
Discussants: Daniel J. Blackman, Michael Mahmoudi, Evgeny V. Merkulov, James Nolan, Roman Tarasov, Neal G. Uren

10:45 AM	**Case #4 Introduction: 80-Year-Old Patient With Previous CABG Presents With Troponin Positive Chest Pain, Renal Impairment, and Anemia** **Case Presenter:** Michael Mahmoudi
10:50 AM	**Case Comments: How Should We Treat This Patient?** Roman Tarasov
10:53 AM	**Case Comments: In the Absence of Ongoing Ischemia, Is Medical Treatment Appropriate? Literature in Context** Rod H. Stables
10:56 AM	**Roundtable Discussion With Audience Q&A**
11:01 AM	**Case #5 Introduction: 62-Year-Old Diabetic Patient Presents With NSTEMI and 3-Vessel Disease, Including LAD/Diagonal Bifurcation Involvement** **Case Presenter:** Michael Mahmoudi
11:06 AM	**Case Comments: How Should We Treat This Patient?** James Nolan
11:09 AM	**Case Comments: What Does Evidence-Based Medicine Say?** Michael Mahmoudi
11:12 AM	**Roundtable Discussion With Audience Q&A**
11:15 AM	**Case #6 Introduction: 72-Year-Old Patient With NSTEMI, Ongoing Ischemia, and Incipient Pulmonary Edema With a Tight Left Main Lesion and Moderately Impaired LV Function** **Case Presenter:** Nick Curzen
11:20 AM	**Case Comments: How Should We Treat This Patient?** Evgeny V. Merkulov
11:23 AM	**Case Comments: What Does Evidence-Based Medicine Say?** Daniel J. Blackman
11:26 AM	**Roundtable Discussion With Audience Q&A**

International Session: Transcatheter Valve Interventions - Mitral, Tricuspid, and Aortic,Presented by Canadian Association of Interventional Cardiology, Korean Society of Interventional Cardiology, Swiss Working Group Interventional Cardiology and Acute Coronary Syndrome, and Vietnam National Heart Association

Tuesday, October 31
10:30 AM - 12:00 PM
Colorado Convention Center
Room 706, Meeting Room Level
Accreditation: none

10:30 AM - 12:00 PM	**Session I. Transcatheter Valve Interventions: Mitral, Tricuspid, and Aortic** **Moderators:** Hyo-Soo Kim, Quang Ngoc Nguyen **Discussants:** Anita Asgar, Bon-Kwon Koo, Stephane Noble, Peter Wenaweser

10:30 AM	**Korea Presents: A Case of Valve-in-Valve TAVR** **Case Presenter:** Bon-Kwon Koo
10:40 AM	**Roundtable Discussion With Audience Q&A**
10:47 AM	**Vietnam Presents: Challenging Cases of Mitral Valvuloplasty** **Case Presenter:** Quang Ngoc Nguyen
10:57 AM	**Roundtable Discussion With Audience Q&A**
11:04 AM	**Canada Presents: Mitral, Tricuspid, and Aortic Valve Transcatheter Cases** **Case Presenter:** Anita Asgar
11:14 AM	**Roundtable Discussion With Audience Q&A**
11:21 AM	**Switzerland Presents: A Case of Severe Symptomatic Aortic Stenosis and Complex Coronary Artery Disease - ECMO Support?** **Case Presenter:** Stephane Noble
11:31 AM	**Roundtable Discussion With Audience Q&A**
11:38 AM	**Switzerland Presents: Cases Demonstrating TAVR Limitations** **Case Presenter:** Peter Wenaweser
11:48 AM	**Roundtable Discussion With Audience Q&A**
11:55 AM	**Summary and Take-home Messages** **Moderators:** Eric A. Cohen, Hyo-Soo Kim, Quang Ngoc Nguyen

International Session: Interventional Worst Case Scenarios and Best Saves, Presented by the Egyptian Society of Cardiology (EgSC), Kuwait Cardiac Society, National Heart Association of Malaysia NHAM, Colegio Colombiano de Intervencionismo Cardiovascular, and Ukrainian Association of Interventional Cardiology

Tuesday, October 31
1:00 PM - 2:30 PM
Colorado Convention Center
Room 708/710, Meeting Room Level
Accreditation: none

1:00 PM - 2:30 PM	**Session I. Interventional Worst Case Scenarios and Best Saves** **Moderators:** Mohammad Al-Mutairi, Ahmed Magdy **Discussants:** Sameh Shaheen, Maxim Sokolov, Jorge Villegas

1:00 PM	**Introduction and Session Objectives** Mohammad Al-Mutairi, Ahmed Magdy
1:02 PM	**Egypt Presents to Kuwait: Multivessel Disease, Complex Intervention** Kareem Mahmoud
1:10 PM	**Kuwait Comments to Egypt: Complications During Multivessel PCI** Khaled Almerri
1:14 PM	**Roundtable Discussion With Audience Q&A**
1:19 PM	**Kuwait Presents to Malaysia: A Complex Coronary Case** **Case Presenter:** Mohammad Al-Mutairi
1:27 PM	**Malaysia Comments to Kuwait: How I Would Manage This Case** Amin Ariff Nuruddin
1:31 PM	**Roundtable Discussion With Audience Q&A**
1:36 PM	**Malaysia Presents to Colombia: Post CABG Target Vessel Failure - Redo Bypass or PCI of Native vs Graft Vessels?** **Case Presenter:** Oteh Maskon
1:44 PM	**Colombia Comments to Malaysia: How I Would Manage This Case** Pablo Dario Charry Amaya
1:48 PM	**Roundtable Discussion With Audience Q&A**
1:53 PM	**Colombia Presents to Ukraine: Pulmonary Valvuloplasty and Concomitant LAD PCI** **Case Presenter:** Jorge Villegas
2:01 PM	**Ukraine Comments to Colombia: How I Would Manage This Case** Liliya Sorokhtey
2:05 PM	**Roundtable Discussion With Audience Q&A**
2:10 PM	**Ukraine Presents to Egypt: Complications During a CTO PCI** **Case Presenter:** Maxim Sokolov
2:18 PM	**Egypt Comments to Ukraine: How I Would Manage This Case** Waleed El Awady
2:22 PM	**Roundtable Discussion With Audience Q&A**
2:27 PM	**Wrap-up and Take-home Messages** Ahmed Magdy

International Session: Complex Cases and Complications in Coronary and Structural Intervention, Presented by the Portuguese Association of Interventional Cardiology (APIC), Sociedade Brasileira de Hemodinâmica e Cardiología Intervencionista (SBHCI), Philippine Heart Association, and the Singapore Cardiac Society

Tuesday, October 31
1:30 PM - 3:30 PM
Colorado Convention Center
Room 706, Meeting Room Level
Accreditation: none

1:30 PM - 3:30 PM

Session I. Complex Cases and Complications in Coronary and Structural Intervention

Moderators: João AB Brum Silveira, Marcelo Jose de Carvalho Cantarelli
Discussants: Chee Yang Chin, Alexandre Schaan Quadros, Henrique B. Ribeiro, Jack Wei Chieh Tan, Richard Nicandro R Torres

1:30 PM	**Welcome and Session Objectives** João AB Brum Silveira
1:31 PM	**Case #1: Fatal Embolization During Left Atrial Appendage Percutaneous Occlusion in a TAVR Patient** **Case Presenter:** Antonio Fiarresga
1:42 PM	**Roundtable Discussion With Audience Q&A**
1:48 PM	**Case #2: Double Aortic and Mitral Transcatheter Valve Replacement Using Innovative Bioprostheses** **Case Presenter:** Henrique B. Ribeiro
1:59 PM	**Roundtable Discussion With Audience Q&A**
2:05 PM	**Case #3: Recanalization of a CTO** **Case Presenter:** Alexandre Schaan Quadros
2:16 PM	**Roundtable Discussion With Audience Q&A**
2:22 PM	**Case #4: Paravalvular Leak Closure Using a Multifunctional Occluder Device** **Case Presenter:** Richard Nicandro R Torres
2:33 PM	**Roundtable Discussion With Audience Q&A**
2:39 PM	**Case #5: Stent Failure After Multiple Interventions** **Case Presenter:** Ricardo Santos
2:50 PM	**Roundtable Discussion With Audience Q&A**
2:56 PM	**Case #6: A Decapitated Left Main Coronary Stent** **Case Presenter:** Chee Yang Chin
3:07 PM	**Roundtable Discussion With Audience Q&A**
3:13 PM	**Case #7: Complex Rotablation of Left Main** **Case Presenter:** Khung Keong Yeo
3:24 PM	**Roundtable Discussion With Audience Q&A**
3:29 PM	**Closing Remarks** Marcelo Jose de Carvalho Cantarelli

International Session: Educational Cases During the Percutaneous Treatment of Bifurcation Lesions - Challenging Procedures and Complications, Presented by Spanish WG on Interventional Cardiology, Turkish Working Group of Interventional Cardiology, Panamanian Society of Cardiology, Netherlands Society of Cardiology, and Peruvian Society of Cardiology

Tuesday, October 31
3:30 PM - 5:00 PM
Colorado Convention Center
Room 706, Meeting Room Level
Accreditation: none

3:30 PM - 5:00 PM

Session I. Educational Cases During The Percutaneous Treatment Of Bifurcation Lesions: Challenging Procedures and Complications

Moderators: Cihangir Kaymaz, Jeroen Vos
Discussants: Bertha Aidee Gonzales, Soledad Ojeda, Manuel Pan, Armando Perez de Prado

3:30 PM	**Abrupt Closure of Side Branch During Provisional Stenting in the Treatment of Bifurcation Lesions and Importance of the Jailed Wire Technique** Soledad Ojeda
3:40 PM	**Discussion and Audience Interaction**
3:50 PM	**TAP vs Culotte Stenting Beyond The Clinical Trials: A Different View** Armando Perez de Prado
4:00 PM	**Discussion and Audience Interaction**
4:10 PM	**Simultaneous Kissing Stent Implantation for LAD CTO Lesion** Kursat Tigen
4:20 PM	**Discussion and Audience Interaction**
4:30 PM	**Crush and Kiss in a True STEMI Bifurcation: Too Complex or Simple Enough?** Rik Hermanides
4:40 PM	**Discussion and Audience Interaction**
4:50 PM	**Session Evaluation And Key Learnings** Manuel Pan

International Session: OCT Guidance in Left Main Bifurcations Presented by the Nordic-Baltic-British Study Group for Interventional Cardiology

Tuesday, October 31
3:30 PM - 5:30 PM
Colorado Convention Center
Room 702/704, Meeting Room Level
Accreditation: none

3:30 PM - 4:00 PM	**Session I. "Simple" LMCA Bifurcation Treatment Guided by OCT** **Moderators:** Evald H. Christiansen, Niels R. Holm **Discussants:** Andrejs Erglis, Tom Johnson	
	3:30 PM	**Case #1: The European Bifurcation Club Position on OCT in LMCA Bifurcation Stenting** **Case Presenter:** Jens Flensted Lassen
	3:37 PM	**Case #2: Selecting the Stent Size in the LMCA Bifurcation** **Case Presenter:** Niels Thue Olsen
	3:44 PM	**Case #3: It´s Hot: OCT-Guided Kissing** **Case Presenter:** Peep Laanmets
	3:51 PM	**Roundtable Discussion and Audience Q&A**
4:00 PM - 4:30 PM	**Session II. OCT-Guided Two-Stent Treatment in LMCA Bifurcation Lesions, Part 1** **Moderators:** Evald H. Christiansen, Niels R. Holm **Discussant:** Andrejs Erglis	
	4:00 PM	**Case #4: Where Are the Wires? Culotte Essentials** **Case Presenter:** Juan Luis Gutierrez-Chico
	4:07 PM	**Case #5: Always Check the LCx Stent in LMCA Bifurcation Stenting** **Case Presenter:** James Cockburn
	4:14 PM	**Case #6: OCT-Guided Culotte By the OCTOBER Protocol** **Case Presenter:** Lene N Andreasen
	4:21 PM	**Roundtable Discussion and Audience Q&A**
4:30 PM - 5:00 PM	**Session III. OCT-Guided Two-Stent Treatment in LMCA Bifurcation Lesions, Part 2** **Moderators:** Evald H. Christiansen, Simon J. Walsh **Discussant:** Niels R. Holm	
	4:30 PM	**Case #7: Diffuse Disease in Distal Branches: Stent Length by Angiography or OCT?** **Case Presenter:** Pavel Hoffmann
	4:39 PM	**Case #8: OCT in the LMCA Ostium: How Far Can We Push It?** **Case Presenter:** Rikard B.A. Linder
	4:48 PM	**Roundtable Discussion and Audience Q&A**
5:00 PM - 5:30 PM	**Session IV. OCT-Guided LMCA Intervention: Special Cases** **Moderators:** Evald H. Christiansen, Simon J. Walsh **Discussants:** Niels R. Holm, James C. Spratt	

	5:00 PM	**Case #10: Calcified Distal LMCA Lesion Managed With OCT-Guided Predilatation** **Case Presenter:** Stuart Watkins
	5:07 PM	**Case #11: Hybrid BRS/DES LMCA Bifurcation Stenting** **Case Presenter:** Indulis Kumsars
	5:14 PM	**Wire Recross or Accidental Crush: When Not to Kiss** **Case Presenter:** Saqib Chowdhary
	5:21 PM	**Summary and Take-Home Messages** Evald H. Christiansen

Special TCT Endovascular Session: Complex Lower Extremity Arterial Interventions

Tuesday, October 31
8:00 AM - 10:00 AM
Colorado Convention Center
Mile High Ballroom 4A-4B, Ballroom Level
Accreditation: CME/CNE/MOC

8:00 AM - 8:50 AM	**Session I. Long SFA Lesions** **Moderators:** D. Christopher Metzger, Thomas Zeller **Discussants:** Ehrin J. Armstrong, Tony Das, William A. Gray, Virendra Patel, Nicolas W Shammas	
	8:00 AM	**Crossing and Treating Long Lesions: Does the True Lumen Matter for Drug Delivery?** Thomas Zeller
	8:10 AM	**Does Lesion Length Affect Treatment Choice in the Fem-pop Segment?** William A. Gray
	8:20 AM	**Treating Long, Calcified Lesions, the Achilles Heel for Endovascular Therapy** Nicolas W Shammas
	8:30 AM	**Multilevel Disease: How Does BTK Disease Affect ATK Therapy?** Tony Das
	8:40 AM	**Roundtable Discussion With Audience Q&A**
8:50 AM - 10:00 AM	**Session II. Complex BTK Disease** **Moderators:** Mahmood K. Razavi, Peter A. Schneider **Discussants:** George L Adams, Arthur C. Lee, Jihad A. Mustapha, Craig M. Walker	

8:50 AM	**My Favorite Tools for BTK CTOs** Craig M. Walker
9:00 AM	**Strategies for Failed Antegrade BTK CTO Crossing** Mahmood K. Razavi
9:10 AM	**BTK Intervention: Does Vessel Preparation Matter?** Jihad A. Mustapha
9:20 AM	**Pedal Interventions in Complex CLI Patients** Arthur C. Lee
9:30 AM	**Maximizing Long-term Outcome: DES, DCB, and Combination Therapies** George L Adams
9:40 AM	**Trial Strategies to Prove the Value of New BTK Devices** Peter A. Schneider
9:50 AM	**Roundtable Discussion With Audience Q&A**

Special Session: Fellows Conversations with the Masters

Tuesday, October 31
9:00 AM - 10:30 AM
Colorado Convention Center
Room 708/710, Meeting Room Level
Accreditation: none

9:00 AM - 10:30 AM	**Fellows Conversations With the Masters** **Moderators:** Roxana Mehran, Jeffrey W. Moses **Co-Moderator:** George D. Dangas **Discussants:** Ted Feldman, Alice K. Jacobs, Morton J. Kern, Spencer B. King III

Hands-On Training Center: Trans-Septal Hands-On Training Program (Sponsored by CRF Skirball Center for Innovation, Supported through educational grants from Baylis Medical, Boston Scientific Corporation and Siemens Medical Solutions USA, Inc.)

Tuesday, October 31
9:30 AM - 11:10 AM
Colorado Convention Center
Hands-on Training Center, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 11:10 AM	**Hands-On Training Center: Trans-Septal Hands-On Training Program**

9:30 AM - 9:32 AM	**Welcome Remarks** Paul D. Mahoney	
9:32 AM - 9:42 AM	**Step-by-Step Trans-Septal Technique Equipment and Complications** Paul D. Mahoney	
9:42 AM - 10:12 AM	**Instructional Videos**	
	9:42 AM	**Anatomy**
	9:52 AM	**TEE**
	10:02 AM	**Transseptal Technique**
10:12 AM - 11:10 AM	**Hands-On Training Stations**	
	10:12 AM	**Devices - Needles, Wires and Sheaths** Torsten P. Vahl
	10:12 AM	**TEE (Heartworks Simulator)** TBA Boston Science
	10:12 AM	**Trans-septal Simulator (Simbionix)** Paul D. Mahoney
	10:12 AM	**Transseptal Wet Models** Tamim Nazif
11:10 AM - 11:10 AM	**Adjourn**	

Special Session: SCAI Cath Lab Leadership Bootcamp @TCT 2017

Tuesday, October 31
1:00 PM - 5:00 PM
Colorado Convention Center
Room 301-303, Meeting Room Level
Accreditation: CME/MOC/CNE

1:00 PM - 2:00 PM

Bootcamp I: Essential Cath Lab Management Skills

Moderators: Robert J. Applegate, Daniel M. Kolansky
Discussants: Arnold Seto, Bernadette S. Speiser, Hadley Wilson

1:00 PM	**Welcome and Introduction** Daniel M. Kolansky
1:05 PM	**Assuring Success of the Medical Director** Robert J. Applegate
1:15 PM	**The Role and Responsibilities of the Cath Lab Manager** Bernadette S. Speiser
1:25 PM	**Establishing a Safety Culture in the Cath Lab** Arnold Seto
1:35 PM	**DEFCON 1: Defusing Interpersonal Conflicts in the Cath Lab** Hadley Wilson
1:45 PM	**Roundtable Discussion With Audience Q & A**

2:00 PM - 3:00 PM

Bootcamp II: Cath Lab Economics and Payments: Mastering MACRA (Medicare Access and CHIP Reauthorization Act)

Moderators: Peter L Duffy, Hadley Wilson
Discussants: Herbert D. Aronow, John A. Spertus

2:00 PM	**Cath Lab Economics 101: MACRA and MIPS** Daniel M. Kolansky
2:10 PM	**CMS Strategy and the Move to Value** John A. Spertus
2:20 PM	**Bundled Payment for PCI: Keep Calm and Carry On** Peter L Duffy
2:30 PM	**How to Align Incentives in the Cath Lab** Herbert D. Aronow
2:40 PM	**Roundtable Discussion With Audience Q & A**

3:00 PM - 4:00 PM

Bootcamp III: Achieving Quality Objectives in the Cath Lab

Moderators: J. Dawn Abbott, Sunil V. Rao
Discussants: Michael A. Kutcher, Faisal Latif

	3:00 PM	**The Top 10 Quality Metrics for Your Cath Lab** Michael A. Kutcher
	3:10 PM	**SCAI QIT: Using AUC and PCI Risk Apps to Optimize Care in Your Cath Lab** Sunil V. Rao
	3:20 PM	**Measuring and Comparing Physician Performance: Productivity, Efficiency, and Quality** J. Dawn Abbott
	3:30 PM	**Incentivizing Quality: Physician Quality Reporting System (PQRS)** Faisal Latif
	3:40 PM	**Roundtable Discussion With Audience Q & A**
4:00 PM - 5:00 PM	**Bootcamp IV: Using Protocols and Pathways to Optimize Operations** **Moderators:** John C. Messenger, Carl L. Tommaso **Discussants:** Mauricio G. Cohen, James A. Goldstein, Faisal Latif	
	4:00 PM	**Eliminating Waste in the Cath Lab** John C. Messenger
	4:10 PM	**Is it a Board or a Battlefield? Managing Doctors and Case Flow in Your Cath Lab** Carl L. Tommaso
	4:20 PM	**Pathways for Same-Day PCI Discharge** Mauricio G. Cohen
	4:30 PM	**Optimizing STEMI Care Pathways** Faisal Latif
	4:40 PM	**Managing Occupational Hazards and Burnout in the Cath Lab** James A. Goldstein
	4:50 PM	**Roundtable Discussion With Audience Q & A**

Hands-On Training Center: Trans-Septal Hands-On Training Program (Sponsored by CRF Skirball Center for Innovation, Supported through educational grants from Baylis Medical, Boston Scientific Corporation and Siemens Medical Solutions USA, Inc.)

Tuesday, October 31
2:30 PM - 4:10 PM
Colorado Convention Center
Hands-on Training Center, Exhibit Hall, Exhibit Level
Accreditation: none

2:30 PM - 4:10 PM	**Hands-On Training Center: Trans-Septal Hands-On Training Program**

2:30 PM - 2:32 PM	**Welcome Remarks** Ashish Pershad	
2:32 PM - 2:42 PM	**Step-by-Step Trans-Septal Technique Equipment and Complications** Ashish Pershad	
2:42 PM - 3:12 PM	**Instructional Videos**	
	2:42 PM	**Anatomy**
	2:52 PM	**TEE**
	3:02 PM	**Transseptal Technique**
3:12 PM - 4:10 PM	**Hands-On Training Stations**	
	3:12 PM	**Devices - Needles, Wires and Sheaths** Paul Sorajja
	3:12 PM	**TEE (Heartworks Simulator)** Omar K. Khalique
	3:12 PM	**Trans-septal Simulator (Simbionix)** Paul D. Mahoney
	3:12 PM	**Transseptal Wet Models** Azeem Latib
4:10 PM - 4:10 PM	**Adjourn**	

Exhibit Hall

Tuesday, October 31
9:00 AM - 5:00 PM
Colorado Convention Center
Exhibit Hall, Exhibit Level
Accreditation: none

9:00 AM - 5:00 PM	**Visit the Exhibit Hall to learn, network, relax, and stay updated on the newest and latest in the industry. More than 120+ booths fill the large hall with the latest, cutting-edge products and services, selected just for you. Plan your visit today by sear**

Oral Abstract Session 1A: ACS Outcomes

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 705/707, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM

ACS Outcomes

Moderators: Rajesh M. Dave, A. Michael Lincoff
Discussants: Daniel H. Berrocal, Michael J. Cowley, Marc Etienne Jolicoeur

12:00 PM	**TCT 1: Direct Stenting Strategy Is Associated With Improved Outcomes in Patients With Totally Occluded Culprit Arteries Undergoing Primary Percutaneous Coronary Intervention for ST Elevation Myocardial Infarction** Ivan Bessonov, MD
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 2: Coronary Angiographic Findings and Outcomes in Patients With Sudden Cardiac Arrest Without ST-Elevation Myocardial Infarction - A SWEDEHEART Study** Sasha Koul, MD
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 3: Outcomes of Left Main Revascularization in Patients With Acute Coronary Syndrome vs Stable Angina: Analysis From the EXCEL Trial** Marc Etienne Jolicoeur
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 4: Prognostic Impact of Nonculprit Chronic Total Occlusions in Infarct-Related Cardiogenic Shock - Results of the Randomized IABP-SHOCK II Trial** Mohammed Saad, MD
12:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 2A: Bleeding and the Hazards of Anticoagulation

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 501, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM

Bleeding and the Hazards of Anticoagulation

Moderators: Kurt Huber, Jamil Abdalla Saad
Discussants: Dimitrios Alexopoulos, Antonio L. Bartorelli, Bjorn Redfors, Carlos E. Uribe

12:00 PM	**TCT 89: Tradeoff Between Myocardial Infarction and Bleeding in Relation to Bleeding Risk - Insights From PARIS Registry** Sabato Sorrentino, MD
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 90: HAS-BLED Score and Other Predictors of Bleeding in Catheter-Directed Thrombolysis for Pulmonary Embolism** Kara Denby, MD
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 91: Antithrombotic Therapy Post Transcatheter Aortic Valve Replacement in Patients With No Indication for Anticoagulation** Kyle Buchanan, MD
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 92: Polyvascular Disease and Risk of Major Cardiovascular Events in Peripheral Artery Disease - Insights From EUCLID** Antonio Gutierrez, MD
12:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 3A: BRS - Late Scaffold Failures

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 709/711, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM

BRS: Late Scaffold Failures

Moderators: Yoshinobu Onuma, Joanna J. Wykrzykowska
Discussants: Robert J. Applegate, Daniel Chamie, Alfonso Ielasi, Francesco Saia, Bonnie H. Weiner, Niels van Royen

12:00 PM	**Association Between Scaffold Under-Expansion and Late Lumen Loss After Bioresorbable Scaffold Implantation - IVUS and Angiographic Insights From the ABSORB Japan Trial** Kozo Okada, MD
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 10: Mechanisms of Very Late Bioresorbable Scaffold Thrombosis Assessed by Optical Coherence Tomography - Insights From the International INVEST Registry** Lorenz Raber
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 9: Absorb Bioresorbable Vascular Scaffold vs Everolimus-Eluting Metallic Stent in Small Vessel Disease -A Propensity Matched Analysis of COMPARE II, RAI, and MAASSTAD-ABSORB Prospective Studies** Alberto Barioli, MD
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 12: Clinical, Angiographic, and Procedural Correlates of Very Late Absorb Scaffold Thrombosis – Multistudy Registry Results** Stephen G. Ellis
12:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 4A: CHIP Chronic Total Occlusion Techniques

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 601, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM	**CHIP - Chronic Total Occlusion Outcomes** **Moderators:** James C. Spratt, R. Michael Wyman **Discussants:** Yasushi Asakura, Debabrata Dash, Alejandro Goldsmit, Scott Harding, Ravi S. Hira, Michael Luna

12:00 PM	**TCT 17: Procedural Characteristics, Outcomes, and Complications in Patients Undergoing Percutaneous Coronary Chronic Total Occlusion Angioplasty - Pooled Analysis From RECHARGE, Expert JCTO, EURO CTO, PROGRESS, and OPEN CTO Registries** Sudhir Rathore
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 18: Feasibility, Safety, and Outcomes of Chronic Total Occlusion Revascularization in End-Stage Renal Disease** Yasir Parviz, MD
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 19: Mid- and Long-Term Outcome of the EXPLORE Trial, a Global, Randomized, Prospective, Multicenter Trial Investigating the Impact of Recanalization of a Chronic Total Occlusion in Patients After Primary Percutaneous Coronary Intervention for Acute ST** Joelle Elias, MD
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 20: Ten-year Clinical Outcome in Patients With Coronary Chronic Total Occlusions not Revascularized by Percutaneous Coronary Intervention According to Left Ventricle Systolic Function** Cosmo Godino, MD
12:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 5A: CHIP -Treatment of Calcified Lesions

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 607, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM	**CHIP: Treatment of Calcified Lesions** **Moderators:** Ehrin J. Armstrong, Gert Richardt **Discussants:** Hiram G. Bezerra, Jeff Chambers, Giulio Guagliumi, Samuel K Mathew, Richard Shlofmitz

12:00 PM	**TCT 25: Insights Into The Mechanisms Of Action Of The Rotational Atherectomy: An Oct Study** Riadh Rihani, MD
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 26: Orbital Atherectomy Induced Calcium Fracture Facilitates Stent Expansion - An Optical Coherence Tomography Study** Myong Hwa Yamamoto, MD
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 27: What is the Most Effective Treatment After Rotational Atherectomy for Stent Underexpansion?: An Inverse Probability of Treatment Weighting Analysis Based on Propensity Score** Daisuke Hahcinohe, MD
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 28: A New Optical Coherence Tomography-Based Calcium Scoring System to Predict Stent Underexpansion** Akiko Fujino, MD
12:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 6A: Complications After TAVR

Tuesday, October 31
12:00 PM - 1:00 PM
Cardiovascular Research Foundation
Room 506-507, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM	**Complications After TAVR** **Moderators:** Reginald I. Low, Michael J. Rinaldi **Discussants:** David L. Brown, Gary Gershony, Martine Gilard, Gerhard C. Schuler, Konstantinos Toutouzas

12:00 PM	**TCT 33: Effect of Percutaneous Paravalvular Leak Closure on Hemolysis** Sidakpal Panaich, MD
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 34: Prediction of Acute Kidney Injury After TAVR by New Biomarkers** Mani Arsalan, MD
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 36: Cerebral Embolic Protection During Transfemoral Aortic Valve Replacement Reduces Death and Stroke Compared to Unprotected Procedure in All Subgroups** Julia Seeger
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 36: Delayed Coronary Obstruction After Transcatheter Aortic Valve Replacement** Richard Jabbour
12:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 7A: Endovascular Disease: Lower Extremity Intervention

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 503, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM	**Endovascular Disease: Lower Extremity Intervention** **Moderator:** Sahil A. Parikh **Discussants:** Eric J. Dippel, Roger Gammon, Richard R. Heuser, Sean F. Janzer, R. Stefan Kiesz, Ethan C Korngold, Hugo F. Londero

12:00 PM	**TCT 57: Comparison of Particulate Embolization After Femoral Artery Treatment with IN.PACT Admiral, Ranger, and Stellarex Paclitaxel-Coated Balloons in Healthy Swine** Sho Torii, MD
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 58: Biomechanics and Drug Elution in Arterial Response to Peripheral Stents: A Comparative Study of 3 Contemporary Stents in Balloon-Predilated Femoral Arteries of Familial Hypercholesterolemic Swine** Yanping Cheng, MD
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 59: Prevalence, Predictors, and Outcomes of Bleeding Complications in Peripheral Vascular Interventions for Lower Extremities: Insights From the NCDR PVI Registry** Bhaskar Bhardwaj, MD
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 60: Stent Versus Non-Stent Strategies for Endovascular Treatment of Femoropopliteal Peripheral Artery Disease: Insights from the XLPAD Registry** Micah Steinbrecher, MD
12:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 8A: Hemodynamic Support

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 504, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM	**Hemodynamic Support** **Moderators:** Vladimir Dzavik, Srihari S. Naidu **Discussants:** A. Reshad Garan, Ian C. Gilchrist, Robert T. Pyo

12:00 PM	**TCT 97: Culprit Lesion vs Multi-Vessel Intervention in Patients With Cardiogenic Shock Complicating Myocardial Infarction: Incidence and Outcomes From the London Heart Attack Group** Krishnaraj Rathod, MD
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 98: Percutaneous Right Ventricular Support With Impella RP in Severe Right Ventricular Failure: Insights From Impella RP Clinical Studies.** Mark B. Anderson
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 99: Safety and Efficacy of Percutaneous Axillary Artery Access for Mechanical Circulatory Support With the Impella© Devices: An Initial Evaluation From the Axillary Access Registry to Monitor Safety (ARMS) MultiCenter Registry** James M. McCabe
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 100: Feasibility of Early Mechanical Circulatory Support in Acute Myocardial Infarction Complicated by Cardiogenic Shock: The Detroit Cardiogenic Shock Initiative** Mir Basir, MD
12:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 9A: Intravascular Imaging and PCI

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 502, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM	**Intravascular Imaging and PCI** **Moderators:** Ulf Landmesser, Bernhard Witzenbichler **Discussants:** Marc D. Feldman, Eugenia Nikolsky, Joel Rainwater, Deep Chandh Raja, Gennaro Sardella, Junya Shite

12:00 PM	**TCT 41: Initial Pre-clinical Porcine and Ex-Vivo Human Coronary Images With a Hybrid Intravascular Ultrasound and Optical Coherence Tomography System** Brian Courtney, MD
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 42: LONG-TERM CONSEQUENCES of Optical coherence tomography FINDINGS DURING PERCUTANEOUS CORONARY INTERVENTION: The Centro per la Lotta contro l'Infarto - Optimization of Percutaneous Coronary Intervention (CLI-OPCI) LATE Study** Enrico Romagnoli, MD
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 43: Bioresorbable Scaffold for the Treatment of Calcified Coronary Lesions: IVUS Insights From the ABSORB Japan Trial** Kozo Okada, MD
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 44: Frequency and Impact of Acute Stent Deformation After PCI of Left Main Coronary Artery Disease: An EXCEL Trial Intravascular Ultrasound Substudy** Song-Yi Kim, MD
12:55 PM	**Roundtable Discussion With Audience Q&**

Oral Abstract Session 10A: Long-Term Durability After Transcatheter Valve Replacement

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 702/704, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM	**Long-Term Durability After Transcatheter Valve Replacement** **Moderators:** Peter C. Block, Lars Sondergaard **Discussants:** David H. Adams, Marco Barbanti, Francesco Bedogni, Wilson Y. Szeto, Felix Woitek, Wojtek Wojakowski

12:00 PM	**TCT 49: Long-Term Valve Function 5-9 Years After Transcatheter Aortic Valve Implantation: Data From the UK-TAVI Registry. On Behalf of the National Institute for Cardiovascular Outcomes Research (NICOR)** Daniel J. Blackman
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 50: Impact of Anticoagulation Therapy on Valve Hemodynamic Deterioration Following Transcatheter Aortic Valve Replacement** Maria Del Trigo, MD
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 51: Impact of Anticoagulation Therapy on Valve Hemodynamics and Clinical Outcomes After Bioprosthetic Aortic Valve Replacement: A Pooled Analysis of the PARTNER2 Trials** Tarun Chakravarty, MD
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 52: Novel Preclinical Assessment of Transcatheter Mitral Valve Replacement by Micro-Computed Tomography: µCT Imaging-Guided Histopathological Evaluation** Armando Tellez, MD
12:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 11A: Physiologic Lesion Assessment and Clinical Outcomes

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 505, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM	**Physiologic Lesion Assessment and Clinical Outcomes** **Moderators:** Allen Jeremias, Amir Lerman **Discussants:** Upendra Kaul, Vincent J. Pompili, Luca Testa, Darren L. Walters, R. Jay Widmer

12:00 PM	**TCT 65: Reclassification of Revascularization Strategy With Instantaneous Wave-Free Ratio and Fractional Flow Reserve: A Report from the iFR-SWEDEHEART Study** Matthias Götberg, MD
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 66: Prognosis of Deferred Non-culprit Lesions According to Fractional Flow Reserve in Patients With Acute Coronary Syndrome** Ki Hong Choi, MD
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 67: Clinical Relevance of Functionally Insignificant Moderate Coronary Artery Stenosis Assessed by 3-vessel Fractional Flow Reserve Measurement** Jonghanne Park, MD
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 68: Clinical Outcomes According to Fractional Flow Reserve or Instantaneous Wave-Free Ratio in Deferred Lesions** Joo Myung Lee
12:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 12A: Treatment of Left Main Disease With CABG: Insights from EXCEL

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 603, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM	**Treatment of Left Main Disease With CABG: Insights From EXCEL** **Moderators:** Adrian P. Banning, John D. Puskas **Discussants:** Sorin J. Brener, Bernard J. Gersh, A. Pieter Kappetein, Sunao Nakamura, Craig R. Smith, Hiroo Takayama

12:00 PM	**TCT 73: Off-Pump versus On-Pump Coronary Artery Bypass Surgery for Left Main Revascularization: Insights From the EXCEL Trial** Umberto Benedetto, MD
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 74: What is the Value of a Second Internal Thoracic Arterial Graft on 3-year Outcomes After CABG in Left Main Disease? Insights from the EXCEL Trial** Daniel Thuijs, MD
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 75: Impact of the Timing of P2Y12 Inhibitor Discontinuation Prior to CABG in Patients With Left Main Disease: Results from the EXCEL Trial** Christopher Kelly, MD
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 76: Impact of Post-Discharge Dual Antiplatelet Therapy vs Aspirin Alone After CABG in Patients With Left Main Disease: Results from the EXCEL Trial** Christopher Kelly, MD
12:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 13A: Tricuspid Valve Intervention

Tuesday, October 31
12:00 PM - 1:00 PM
Colorado Convention Center
Room 605, Meeting Room Level
Accreditation: CME/MOC

12:00 PM - 1:00 PM	**Tricuspid Valve Intervention** **Moderators:** Joachim Schofer, Ralph Stephan von Bardeleben **Discussants:** Charles J. Davidson, Darren Mylotte, Didier Tchetche, Yan Toplisky, Hendrik Treede, Hang Zhang

12:00 PM	**TCT 85: Contemporary Outcomes of Isolated Bioprosthetic Tricuspid Valve Replacement: A Benchmark for Transcatheter Tricuspid Valve Replacement** Sami Aljohani, MD
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:15 PM	**TCT 87: Transcatheter Pledget-Assisted Suture Tricuspid Annuloplasty (PASTA)** Jaffar M Khan
12:25 PM	**Roundtable Discussion With Audience Q&A**
12:30 PM	**TCT 88: Catheter-Based Tricuspid Valve Replacement Via Right Atrium: An Animal Experimental Study** Peng Cao, MD
12:40 PM	**Roundtable Discussion With Audience Q&A**
12:45 PM	**TCT 86: Which Patients are Undergoing Transcatheter Tricuspid Repair Today? An Update From the International Multicenter Transcatheter Tricuspid Valve Therapies (TriValve) Registry** Maurizio Taramasso
12:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 1B: Trends In STEMI Treatment

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 705/707, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 2:00 PM	**Trends In STEMI Treatment** **Moderators:** David A. Cox, Alice K. Jacobs **Discussants:** Roberto Botelho, Pawel E. Buszman, Bill French, Graham Nichol

1:00 PM	**TCT 5: Complete vs Culprit Only Lesion Intervention in ACS Patients With Multivessel Disease - Incidence and Outcomes From The London Heart Attack Group** Krishnaraj Rathod, MD
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 6: The Optimal Timing for Staged Nonculprit Vessel Intervention Following Primary Percutaneous Coronary Intervention for Patients With ST-Elevation Myocardial Infarction and Multivessel Disease - Insights Using Decision Analytical Methods, From the Br** Peter Moore, MD
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 7: COOL AMI Pilot - Randomized Controlled Trial of Intravascular Therapeutic Hypothermia (TH) in Conscious Anterior ST-Elevation Myocardial Infarction (STEMI). Cardiac Magnetic Resonance (cMR) Imaging Results of Microvascular Obstruction (MVO) and Eje** Thomas Keelbe, MD
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:45 PM	**TCT 510: Early Unloading With Impella CP® Heart Pump In Cardiogenic Shock Complicating An Acute Myocardial Infarction Improves Outcomes: Results from the Dresden Impella Registry** Tobias Löhn, MD
1:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 2B: Healing After DES Implantation

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 501, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 2:00 PM	**Healing After DES Implantation** **Moderators:** Francesco Prati, Renu Virmani **Discussants:** Steven R. Bailey, Nicolas Foin, Hector M. Garcia-Garcia, Grzegorz L. Kaluza, Massimo Napodano, Dinesh Shah

1:00 PM	**TCT 93: Stent-Based Tissue Drug and Binding Target Protein Distributions - Durable vs Deployable Coatings** Abraham Tzafriri, MD
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 94: Safety and Efficacy of the Combo Bioegineered Stent in an All-Comer PCI Cohort - Results From the Mascot Postmarketing Registry** Antonio Colombo
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 95: Different Vascular Healing Between Bioabsorbable Polymer-Coated Everolimus-Eluting Stents vs Bioresorbable Vascular Scaffolds Via Optical Coherence Tomography and Coronary Angioscopy (The ENHANCE Study: Endothelial Healing Assessment With Novel Co** Wan Ahmad, MD Wan Ahmad, MD
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:45 PM	**TCT 571: Different Tissue Morphology of In-stent Restenosis in Hemodialysis Patient Compared With Non-hemodialysis Patients: A Prospective Multicenter Optical Coherence Tomography Registry** Yoshinori Nagasawa, MD
1:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 3B: Novel Bioresorbable Scaffolds

Tuesday, October 31
1:00 PM - 1:45 PM
Colorado Convention Center
Room 709/711, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 1:45 PM	**Novel Bioresorbable Scaffolds** **Moderators:** Stephan Achenbach, Jacques J. Koolen **Discussants:** Graham A. Cassel, Salvatore Cassese, Joost Daemen, Vasim Farooq, Daniel S Levi

1:00 PM	**TCT 14: Safety and Clinical Performance of the Drug-Eluting Absorbable Metal Scaffold in the Treatment of Subjects With De Novo Lesions in Native Coronary Arteries at 12-Month Follow-up - BIOSOLVE-II and BIOSOLVE-III** Ron Waksman
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 13: A First-in-Man Study of the Firesorb Sirolimus Target Eluting Bioresorbable Vascular Scaffold in Patients With Coronary Artery Disease (FUTURE-I) - One-Year Clinical and Imaging Outcomes** Bo Xu
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 16: Prospective, Multicenter Evaluation of the DESolve Novolimus-Eluting Bioresorbable Coronary Scaffold - Imaging Outcomes and Five-Year Clinical and Imaging Results** Stefan Verheye
1:40 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 4B: Chronic Total Occlusion Techniques

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 601, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 2:00 PM	**Chronic Total Occlusion Techniques** **Moderators:** Alfredo R. Galassi, Jonathan M. Hill **Discussants:** Lei Ge, Paul Knaapen, Julinda Mehilli, Bradley H. Strauss, Thomas M. Tu, Minh N. Vo

1:00 PM	**TCT 21: Prevalence, Presentation and Treatment of 'Balloon Undilatable' Chronic Total Occlusions: Multicenter US Experience** Peter Tajti, MD
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 22: Evaluation of the SoundBite Crossing System in a Coronary Chronic Total Occlusion (CTO) Acute Swine Model** Raja Hatem
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 23: Rotational Atherectomy in CTO-Lesions: Too Risky?** Christina Brinkmann, MD
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:45 PM	**TCT 24: Subadventitial Crossing and Crushing to Recanalize In-Stent Chronic Total Occlusions: a Multicenter Registry** Lorenzo Azzalini, MD
1:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 5B: Lesion Physiology in Unusual Clinical Settings

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 607, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 2:00 PM	**Lesion Physiology in Unusual Clinical Settings** **Moderators:** Justin E. Davies, Bernard De Bruyne **Discussants:** Angela Hoye, Amir Lerman, Hitoshi Matsuo, Arnold Seto, Daniel I. Simon, Tim P. van de Hoef

1:00 PM	**TCT 29: Mechanism of Low Fractional Flow Reserve in Lesions Without Angiographic Significant Stenosis: Role of Hidden Plaque Burden** Jonghanne Park, MD
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 30: Instantaneous Wave-Free Period Variations after Aortic Valve Replacement in Patients With Severe Aortic Valve Stenosis** Gabriele Pesarini, MD
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 31: Hybrid iFR-FFR Decision-Making Strategy in Coronary Revascularization of Patients With Severe Aortic Stenosis Undergoing TAVI** Gabriele Pesarini, MD
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:45 PM	**TCT 32: Why Does Exercise in Cold Air Increase Susceptibility to Myocardial Ischaemia?** Rupert Williams, MD
1:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 6B: Aortic Stenosis and TAVR

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 506-507, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 2:00 PM	**Aortic Stenosis and TAVR** **Moderators:** Jean-Claude Laborde, Eric Van Belle **Discussants:** Colin M. Barker, Stanley J. Chetcuti, Douglas G. Fraser, Kishore J. Harjai, Wesley R. Pedersen, Philippe Pibarot

1:00 PM	**TCT 37: Sudden Cardiac Death in Patients With Severe Aortic Stenosis** Tomohiko Taniguchi, MD
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 38: Self-Expanding TAVR for Treatment of Aortic Insufficiency: An Analysis of the STS/ACC TVT Registry** Saif Anwaruddin
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 39: Clinical Outcomes in SURTAVI Based on Revascularization Stratification** Lars Sondergaard
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:45 PM	**TCT 40: Outcome Of Patients Undergoing Trans-Catheter Implantation of Aortic Valve With Previous Mitral Valve Prosthesis (Optimal Study)** Luca Baldetti, MD
1:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 7B: Endovascular Disease: Treatment of Unusual Vascular Beds

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 503, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 2:00 PM	**Endovascular Disease: Treatment of Unusual Vascular Beds** **Moderators:** Mark C. Bates, Dharam J. Kumbhani **Discussants:** Ian M Cawich, Farhat Fouladvand, Masahiko Fujihara, Nicholas N. Kipshidze, Tak W. Kwan, Khusrow Niazi

1:00 PM	**TCT 61: Prospective Analysis of Long-term Outcomes of Endovascular Intervention in Takayasu Arteritis and Outcome Predictors in a South Asian Population – 1997–2017** Harinder Bali, MD
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 62: Thirty-Day Readmissions After Endovascular or Surgical Revascularization for Chronic Mesenteric Ischemia: Insights From the National Readmissions Database** Fabio Lima, MD
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 63: A Novel Patent Hemostasis Protocol - Prevention of Pseudoaneurysm After Transpedal Arterial Access for Evaluation and Treatment of Peripheral Arterial Disease** Apurva Patel, MD
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:45 PM	**TCT 64: Procedural Success of Pulmonary Balloon Angioplasty in Patients With Chronic Thromboembolic Pulmonary Hypertension – a German Single-Centre, Two-Year Experience** Christoph Liebetrau, MD
1:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 8B: LAA Closure and HOCM Ablation

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 504, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 2:00 PM	**LAA Closure and HOCM Ablation** **Moderators:** Brij Maini, Petr Neuzil **Discussants:** Jian Zeng Dong, Mackram F. Eleid, Habib Gamra, Antoine Lafont, Jens Erik Nielsen-Kudsk

1:00 PM	**TCT 101: Safety of Double Antiplatelet Therapy as an Alternative to Warfarin Plus Aspirin After Left Atrial Appendage Device Closure - Short-Term Results of WATCHMAN-DAPT Multi-Center Registry** Grzegorz Smolka, MD
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 102: Five-Year Outcomes of Left Atrial Appendage Closure: Final Results of the Continued Access to PROTECT AF (CAP) Registry** David R. Holmes Jr.
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 103: Long-Term Outcomes of Alcohol Septal Ablation for Hypertrophic Obstructive Cardiomyopathy: A 16 Year Study** Christopher Capps, MD
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:45 PM	**TCT 104: Initial Pre-clinical and Clinical Use of Mechanical Intracardiac Echocardiography System With 3D Viewing, Color Doppler, and Side-Viewing Capabilities** Brian Courtney, MD
1:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 9B: Intravascular Imaging of High Risk Plaques

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 502, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 2:00 PM	**Intravascular Imaging of High Risk Plaques** **Moderators:** John McB. Hodgson, Akiko Maehara **Discussants:** John A. Ambrose, Saqib Chowdhary, Takashi Kubo, Jacek Legutko, Yasunori Ueda

1:00 PM	**TCT 45: IV-OCT Virtual Histology: Automatic Identification of Human** Taylor Hoyt, MD
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 46: Prevalence of Thin-Cap Fibroatheroma and Plaque Rupture in Fractional Flow Reserve Negative Lesions in Diabetic Patients With or Without Acute Coronary Syndrome - Insights from the COMBINE Study** Balazs Berta, MD
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 47: Morphological Difference of Culprit Lesions by Age and Gender Assessed by Optical Coherence Tomography** Mitsuaki Matsumura, MD
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:45 PM	**TCT 48: Potential "Intraplaque Hemorrhage" Pattern Assessed by Combined Intravascular Ultrasound and Optical Coherence Tomography** Tetsumin Lee, MD
1:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 10B: New Transcatheter Mitral Technologies

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 702/704, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 2:00 PM	**New Transcatheter Mitral Technologies** **Moderators:** Karl-Heinz Kuck, Nicolo Piazza **Discussants:** Anita Asgar, Steven L. Goldberg, Clifford J. Kavinsky, Robert J. Lederman, Randolph P. Martin, Frederick G. St. Goar

1:00 PM	**TCT 53: Transapical Off-Pump Echo-Guided Mitral Valve Repair With Neochordae Implantation: 2-Years Results** Andrea Colli, MD
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 55: Intentional Laceration of the Anterior Mitral Leaflet to Prevent Left Ventricular Outflow Tract Obstruction (LAMPOON) During TMVR: First-in-Human Findings** Jaffar M Khan
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 54: First-in-Human Compassionate Use Results of the Novel PASCAL Transcatheter Mitral Valve Repair System for the Treatment of Severe Mitral Regurgitation** John G. Webb
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:45 PM	**TCT 56: Transcatheter Mitral Valve Repair in Patients With Functional Mitral Regurgitation – One-Year Outcomes from the Multicenter CE Trial** Francesco Maisano
1:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 11B: Physiologic Lesion Assessment: New Indices

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 505, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 2:00 PM	**Physiologic Lesion Assessment: New Indices** **Moderators:** Nick Curzen, William F. Fearon **Discussants:** Thomas Engstroem, Rajesh Gupta, Petr Kala, Maurizio Menichelli, Sukhjinder S Nijjer

1:00 PM	**TCT 72: Computational Fractional Flow Reserve Derived From Three-Dimensional Intravascular Ultrasound: A New Algorithm of Fusion Between Anatomy and Physiology** Cristiano Bezerra, MD
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 70: Influence of Microcirculatory Resistance on the Assessment of Coronary Stenosis Severity With Quantitative Flow Ratio (QFR): Results of an International Multicentre Study** Hernan Mejia-Renteria, MD
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 71: Influence of Local Myocardial Damage on Index of Microcirculatory Resistance and Fractional Flow Reserve in Target and Non-target Vascular Territories in a Porcine Microvascular Injury Model** Joo Myung Lee
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:45 PM	**TCT 69: Comparison of Quantitative Flow Ratio and Fractional Flow Reserve to Identify Myocardial Ischemia: Validation With Myocardial Perfusion Scintigraphy and Cardiovascular Magnetic Resonance** Jelmer Westra
1:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 12B: Outcomes After Left Main Disease Revascularization

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 603, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 2:00 PM	**Outcomes after Left Main Disease Revascularization** **Moderators:** Davide Capodanno, Tullio Palmerini **Discussants:** Ariel Finkelstein, Paul Gordon, Aaron V. Kaplan, Vijay Kunadian, Marco A. Perin

1:00 PM	**TCT 179: Outcomes after Left Main PCI vs CABG According to Ostial/Shaft vs Distal Bifurcation Involvement: Insights From the EXCEL Trial** Anthony H. Gershlick
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 78: Outcomes of Left Main Revascularization in the Elderly and Younger Patients: The EXCEL Trial** Erick Schampaert
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 79: What Biomarker Threshold for Periprocedural Myocardial Infarction Following PCI and CABG in Left Main Disease is Prognostically Relevant? Analysis from the EXCEL Trial** Shmuel Chen, MD
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:45 PM	**TCT 80: Incidence, Predictors, and Outcomes of New-Onset Atrial Fibrillation and Flutter After PCI or CABG for Left Main Disease: Analysis From the EXCEL Trial** Ioanna Kosmidou
1:55 PM	**Roundtable Discussion With Audience Q&A**

Oral Abstract Session 13B: Technical Aspects in the Treatment of Left Main Disease

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Room 605, Meeting Room Level
Accreditation: CME/MOC

1:00 PM - 2:00 PM	**Technical Aspects in the Treatment of Left Main Disease** **Moderators:** David Hildick-Smith, Nicholas J. Lembo **Discussants:** Kefei Dou, Niels R. Holm, Yves R. Louvard, Issam D. Moussa, Giampaolo Niccoli, Andrzej J. Ochala

1:00 PM	**TCT 83: Provisional vs Planned Two-Stent Technique in Patients With Distal Bifurcation Left Main Disease Undergoing PCI: The EXCEL Trial** David E. Kandzari
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**TCT 84: Procedural Strategy and Clinical Outcomes in Patients Undergoing PCI for Left Main Trifurcation Disease: The EXCEL Trial** David E. Kandzari
1:25 PM	**Roundtable Discussion With Audience Q&A**
1:30 PM	**TCT 81: Hybrid Coronary Revascularization vs Percutaneous Strategies in Unprotected Left Main Stenosis: A Propensity Match Study** Alberto Alberto Repossini, MD
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:45 PM	**TCT 82: Impact of Staging Percutaneous Coronary Intervention in Left Main Artery Disease: Insights from the EXCEL Trial** Carlos Collet, MD
1:55 PM	**Roundtable Discussion With Audience Q&A**

Moderated Poster Session: Dilemmas in Coronary Physiology, Part 1

Tuesday, October 31
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**Dillemmas in Coronary Physiology, Part 1** **Moderators:** Robert J. Gil, Niels van Royen **Discussants:** Alejandro D Fernandez, Ugo Limbruno, Erick Schampaert, Shengxian Tu, R. Jay Widmer

9:30 AM	**TCT 333: Prognostic Implication of Functional Incomplete Revascularization and Residual Functional SYNTAX Score in Patients With Coronary Artery Disease** Ki Hong Choi, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 334: Instantaneous Wave-free Ratio vs Fractional Flow Reserve Guided Coronary Revascularization: A Comprehensive Meta-analysis of Randomized Controlled Trials** Oluwaseun Akinseye, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 335: Clinical Implications of 3-Vessel Fractional Flow Reserve Measurement in Patients With Coronary Artery Disease** Joo Myung Lee
10:01 AM	**Discussion**
10:06 AM	**TCT 336: The Downstream Influence of Coronary Artery Disease on Microcirculatory Remodeling: A Histopathology Study** Guus de Waard, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 337: Hemodynamic Changes After Percutaneous Coronary Interventions of Stenoses With Discordant Fractional Flow Reserve and Coronary Flow Reserve** Gilbert Wijntjens, MD
10:25 AM	**Discussion**

Moderated Poster Session: New BRS

Tuesday, October 31
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 4, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**New BRS** **Moderators:** Didier Carrié, Manuel Pan **Discussants:** Bernardo Cortese, Grzegorz L. Kaluza, Teguh Santoso, Joanna J. Wykrzykowska

9:30 AM	**TCT 328: Real World Perfomance Of The Novel MeRes100** Marcos Ortega, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 329: Twelve-Month Follow-Up of a Novel Thin Strut (112 µm) Sirolimus-Eluting Absorbable Vascular Scaffold in Porcine Coronary Arteries** Yanping Cheng, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 330: Multi-Center Evaluation of a Novel 120 µm Novolimus-Eluting, Fully Bioresorbable Coronary Scaffold: First Report of 6-month Imaging and12-Month Clinical Results** Stefan Verheye
10:01 AM	**Discussion**
10:06 AM	**TCT 331: Multi-Center, Post-marketing Evaluation of the Elixir DESolve® Novolimus Eluting Bioresorbable Coronary Stent System: 24-month Results from the DESolve PMCF Study** Holger M. Nef
10:13 AM	**Discussion**
10:18 AM	**TCT 332: FANTOM II Trial: Safety & Performance Study of the Fantom Sirolimus-Eluting Bioresorbable Coronary Scaffold – First Report on Initial 24 Month Outcomes** Ricardo A. Costa
10:25 AM	**Discussion**

Moderated Poster Session: New TAVR Technologies - I

Tuesday, October 31
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**New TAVR Technologies - I** **Moderators:** Mauricio G. Cohen, Hugo F. Londero **Discussants:** Michael P. Flaherty, Philippe Genereux, Jan Kovac, Sigmund Silber

9:30 AM	**TCT 318: A Long-term Pre-clinical Animal Study of a New Self-expandable TAVI Device** Zhigang Song, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 319: Comparative Effectiveness and Safety of Five Leading New-generation TAVI Devices: Early Results From the RISPEVA Study** Giuseppe Biondi-Zoccai
9:49 AM	**Discussion**
9:54 AM	**TCT 320: Transcatheter Aortic Valve Replacement With the ACURATE NEO – One Year Results** Costanza Pellegrini, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 321: Transcatheter Aortic Valve Replacement With a Self-expanding Bioprosthesis Augmented With a Porcine Pericardial Wrap** Daniel O'Hair, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 322: In Vitro Optimisation of a Transcatheter Polymeric Aortic Valve** Paul De Sciscio
10:25 AM	**Discussion**

Moderated Poster Session: Outcomes After Primary PCI - I

Tuesday, October 31
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 8, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**Outcomes after Primary PCI - I** **Moderators:** Tanveer Rab, Joseph Thomas **Discussants:** Corrado Lettieri, Kareem Mahmoud, Alessandro Sciahbasi

9:30 AM	**TCT 348: Trends in Management and Outcomes of ST Segment Elevation Myocardial Infarction in Patients With Liver Cirrhosis in the United States: Results From the National Inpatient Sample** Parasuram Krishnamoorthy
9:37 AM	**Discussion**
9:42 AM	**TCT 349: Three-Year Major Clinical Outcomes between First-Generation vs Second-Generation Drug-Eluting Stents in Acute Myocardial Infarction: Propensity Score Matched Analysis** Seung-Woon Rha, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 350: The CAMI Score: A Novel Tool Derived From China Acute Myocardial Infarction Registry for Predicting the Risk of In-hospital Death of Acute Myocardial Infarction Patients** Chenxi Song, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 351: Temporal Trends and Factors Associated With Prolonged Length of Stay in ST-Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention** Poonam Velagapudi, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 352: Impact of Early Well-developed Coronary Collateral Circulation on Prognostic at 12 Months in Late Presentation Myocardial Infarction** Alejandro Gutierrez-Barrios, MD
10:25 AM	**Discussion**

Moderated Poster Session: Radiation Exposure - I

Tuesday, October 31
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 1, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**Radiation Exposure - I** **Moderators:** Stephen Balter, Itchhaporia Dipti **Discussants:** Theodore A. Bass, Abdullah Shehab, Bernhard Witzenbichler

9:30 AM	**TCT 313: Lens Changes Associated With Radiation in the Cardiac Catheterization Laboratory: An Update from the IC-CATARACT (CATaracts Attributed to Radiation in the CaTh Lab) Study** Judit Karacsonyi, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 314: Implementation of Noise Reduction Technology to Reduce Patient Radiation Dose in Chronic Total Occlusion Percutaneous Coronary Interventions: A Propensity-matched Analysis** Lorenzo Azzalini, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 315: Safety and Feasibility of Low Dose Compared With Standard Dose Radiation for Cardiac Catheterization and Intervention** Aymen Albaghdadi, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 316: Radiation Exposure to Interventional Echocardiographers and Interventional Cardiologists During Structural Heart Interventions – Impact of Shielding** Frank Corrigan, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 317: Propensity Score-Matched Analysis of Operator Radiation Exposure in Percutaneous Coronary Intervention With Radial versus Femoral Approach** Adriano Caixeta
10:25 AM	**Discussion**

Moderated Poster Session: Re-Admission After PCI

Tuesday, October 31
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 3, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**Re-Admission after PCI** **Moderators:** Sorin J. Brener, Tracy Y. Wang **Discussants:** Zhen Ge, Alejandro Goldsmit

9:30 AM	**TCT 323: Length of Stay Following Primary Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction: Association With 30-Day Readmissions and Implications for Healthcare Costs** Dhaval Kolte, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 324: Rehospitalization after Percutaneous Coronary Intervention** Kirstine Hansen, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 325: Short-term Outcomes and Readmission Rates After Percutaneous Coronary Intervention and CABG in Patients With Autoimmune Vasculitides** Katherine Bailey, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 326: Rheumatoid Arthritis in Patients With Acute Coronary Syndrome: Readmission Rates, Costs, and Outcomes from the Nationwide Readmission Database** Young-Ji Seo, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 327: Trends in Cost, Length of Stay and Readmission in Acute Myocardial Infarction Patients With Diabetic Ketoacidosis** Esteban Aguayo, MD
10:25 AM	**Discussion**

Moderated Poster Session: TAVR vs SAVR

Tuesday, October 31
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 7, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**TAVR vs SAVR** **Moderators:** Jose Luis Navia, Christian Templin **Discussants:** Guido Gelpi, Kishore J. Harjai, Christian Hengstenberg, Dharam J. Kumbhani

9:30 AM	**TCT 343: Valve in Valve Trans-catheter Aortic Valve Implantation vs Redo Surgical Aortic Valve Replacement in Patients With Failing Aortic Bioprostehsis: A Meta Analysis** Nikhil Nalluri, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 344: Clinical Outcomes of Surgical or Transcatheter Aortic-Valve Replacement in Intermediate-Risk Patients Stratified by STS Score: Results From the SURTAVI Trial** Patrick W. Serruys
9:49 AM	**Discussion**
9:54 AM	**TCT 345: Functional Status After Transcatheter and Surgical Aortic Valve Replacement: A Two-Year Analysis From the SURTAVI Trial** Jeffrey J. Popma
10:01 AM	**Discussion**
10:06 AM	**TCT 346: Comparative Analysis of Cerebrovascular Events in Transcatheter and Surgical Aortic Valve Replacement- Systematic Review and Meta-analysis of Randomized Trials** Divyanshu Mohananey, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 347: Neurologic Events in Patients Treated With Surgical vs Transfemoral Transcatheter Aortic Valve Replacement: Insights From the PARTNER (Placement of Aortic Transcatheter Valves) Trial** Samir R. Kapadia
10:25 AM	**Discussion**

Moderated Poster Session: Unusual Presentations and Causes of CAD - I

Tuesday, October 31
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 6, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**Unusual Presentations and Causes of CAD - I** **Moderators:** Igor F. Palacios, Gary L. Schaer **Discussants:** Shmuel Banai, Vasilios Papademetriou

9:30 AM	**TCT 338: Cardiovascular Symptoms During 5-year Follow-up After Index Event In Patients With Spontaneous Coronary Artery Dissection** Ashkan Parsa, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 339: Types of Myocardial Infarction in Patients With Peripheral Artery Disease: Insights From EUCLID** Christoph Olivier, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 340: Anomalous Connection of the Right Coronary Artery With Interarterial Course: Preliminary Prospective Experience of Stenting In A Selected Adult Population** Philippe Degrell, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 341: Percutaneous Coronary Intervention In Cardiac Allograft Vasculopathy: Long Term Results From A Single Centre** Silvia Vilches-Soria
10:13 AM	**Discussion**
10:18 AM	**TCT 342: Comparative Outcomes of Patients With Adult Congenital Heart Disease Admitted to US hospitals With STEMI** Divyanshu Mohananey, MD
10:25 AM	**Discussion**

Moderated Poster Session: Dilemmas in Coronary Physiology, Part 2

Tuesday, October 31
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**Dillemmas in Coronary Physiology, Part 2** **Moderators:** Jeff Chambers, John McB. Hodgson **Discussants:** Ian C. Gilchrist, Matthias Götberg, Luca Testa, Guy Witberg

10:30 AM	**TCT 372: Clinical Outcomes of Deferred Lesions With Angiographically Insignificant Stenosis but Low Fractional Flow Reserve** Joo Myung Lee
10:37 AM	**Discussion**
10:42 AM	**TCT 373: Diagnostic Accuracy of Combined Pressure and Flow-derived Indices vs Pressure Only Indices for Myocardial Ischemia** Gilbert Wijntjens, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 374: Novel Method to Assess Both the Epicardial and Microvascular Domain Using Vascular Conductance Obtained from Intracoronary Pressure and Flow Velocity** Nina van der Hoeven
11:01 AM	**Discussion**
11:06 AM	**TCT 375: Deferred vs Performed Revascularization in Coronary Stenoses With Gray Zone Fractional Flow Reserve: Data From IRIS FFR Registry** Do-yoon Kang, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 376: Prognostic Value of Non-ischemic Fractional Flow Reserve in Patients With Multi-vessel Intermediate Grade Coronary Stenosis** Hussain Ibrahim, MD
11:25 AM	**Discussion**

Moderated Poster Session: New TAVR Technologies - II

Tuesday, October 31
10:30 AM - 11:30 AM
Cardiovascular Research Foundation
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**New TAVR Technologies - II** **Moderators:** Alexander Lauten, Robert J. Lederman **Discussants:** Uzoma Ibebuogu, Chad Kliger, Rikard B.A. Linder, Pinak B. Shah

10:30 AM	**TCT 357: Transcatheter Aortic Valve Replacement With A 34-mm Repositionable Self-expanding Bioprosthesis** Tanvir Bajwa, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 358: Procedural Outcomes With New-Generation Transcatheter Aortic Valve Devices in Real-World Clinical Practice: The PRAGMATIC-II (Pooled Rotterdam – Milan – Toulouse in Collaboration) Study** Gennaro Giustino
10:49 AM	**Discussion**
10:54 AM	**TCT 359: Late Outcome of the First-in-Human Study of the Colibri Dry, Pre-mounted, Pre-packaged TAVR Valve** Richard Fish, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 360: Acute Outcomes of a Novel Self-expanding Transcatheter Heart Valve** Ulrich Schäfer
11:13 AM	**Discussion**
11:18 AM	**TCT 361: Early Experience With the Symetis Bioprosthesis in Real World Patients: The Milan Registry** Paolo Pagnotta, MD
11:25 AM	**Discussion**

Moderated Poster Session: Outcomes After Primary PCI - II

Tuesday, October 31
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 8, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**Outcomes After Primary PCI - II** **Moderators:** Michel R. Le May, Gerald S. Werner **Discussants:** Ricardo Lluberas, Ruben A. Piraino, Paul Rees, Sameh Shaheen

10:30 AM	**TCT 387: Collateral Quality Decay Several Days After Primary PCI: A Novel Observation From the EXPLORE Trial.** Ivo M van Dongen, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 388: Does ST Segment Elevation in Lead aVR Correlate With Left Main Occlusion?** Ahmed Harhash, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 389: Does Well-developed Coronary Collateral Circulation Have an Influence on Myocardial Viability in Late Presentation Myocardial Infarction?** Alejandro Gutierrez-Barrios, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 390: Impact of Air-pollution on AMI Occurrence** Kamil Derbisz, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 391: Comparision of CHAD2DS2VASc Score vs GRACE Score Predicting Value in the Long Term All-cause Mortality in Patients With ST Elevation Myocardial Infarction Who Undergoing Primary Percutaneous Coronary** Alfredo Redondo Diéguez, MD
11:25 AM	**Discussion**

Moderated Poster Session: Peripheral Thrombectomy, Atherectomy, and Plaque Modification

Tuesday, October 31
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 3, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**Peripheral Thrombectomy, Atherectomy, and Plaque Modification** **Moderators:** Nirat Beohar, Roger Gammon **Discussants:** Ian M Cawich, Hsuan-Li Huang, Alexander Grigorievich Osiev, Peter A. Soukas

10:30 AM	**TCT 362: A Novel Fully Percutaneous Thrombectomy Technique With Balloon Occlusion Guiding Catheter and Over-the-wire Fogarty Catheter for Acute Limb Ischemia.** Tomoyuki Umemoto, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 363: Efficacy of the Indigo Aspiration Thrombectomy in the Extraction (XTRACT) of Peripheral Arterial Thromboembolism – Results From the PRISM Trial** George L Adams
10:49 AM	**Discussion**
10:54 AM	**TCT 364: Comparison Between Catheter Guided and Ultrasound Accelerated Thrombolysis for the Treatment of DVT of Lower Extremities: A Meta-analysis** Mohammad Ansari, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 365: Feasibility and Safety of Atherectomy in Endovascular Treatment of Infrainguinal Peripheral Arterial Disease via Retrograde Transpedal Approach** Apurva Patel, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 366: The PRELUDE Study: Prospective Study for the Treatment of Atherosclerotic Lesions in the Superficial Femoral and/or Popliteal Arteries Using the Serranator® Device** Peter A. Schneider
11:25 AM	**Discussion**

Moderated Poster Session: Radiation Exposure - II

Tuesday, October 31
10:30 AM - 11:18 AM
Colorado Convention Center
Moderated Posters 1, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:18 AM

Radiation Exposure - II

Moderators: Charles E. Chambers, Christoph A. Nienaber
Discussants: Joseph DeGregorio, Frederick Feit, Diego D Grinfeld, Sean F. Janzer

10:30 AM	**TCT 353: Effect of a New Enhanced Fluoroscopy Technology (Valve ASSIST2) on Contrast and Radiation Use in Patients Undergoing Transcatheter Aortic Valve Replacement** Ali Shafiq
10:37 AM	**Discussion**
10:42 AM	**TCT 354: Radiation Exposure can be Protected Via Multidisciplinary Care Model in Percutaneous Coronary Intervention Patients** Wei-Chun Huang
10:49 AM	**Discussion**
10:54 AM	**TCT 355: Lens Opacities Prevalence in Interventional Cardiologists and Professional Working in the Area of Hemodynamics in Latin America** Adriano Barbosa, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 356: Decreasing the Hazards of Radiation Dose Exposure in Patient Undergoing Percutaneous Coronary Interventions (PCI) for the Treatment of Chronic Total Occlusion. A Prospectively Evaluated Radiation Protocol** Luis Guzman, MD
11:13 AM	**Discussion**

Moderated Poster Session: Studies with Magnesium BRS

Tuesday, October 31
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 4, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**Studies with Magnesium BRS** **Moderators:** Dariusz Dudek, Detlef G. Mathey **Discussants:** Vasim Farooq, Ulf Landmesser, Stefan Mot, Giuseppe Tarantini

10:30 AM	**TCT 367: Mechanical Properties of Magnesium and Polymeric Bioresorbable Scaffolds Compared With Durable Metallic Stents** Niels Holm, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 368: The Drug-eluting Absorbable Magnesium Vascular Scaffold in Complex Coronary Bifurcations: Insights from an In-Vivo Multimodality Imaging Study** Johan Bennett, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 369: Initial Experience With Magnesium Bioabsorbable Scaffold (Magmaris) in Coronary De Novo Lesions: Acute and Mid-term Result in multicenter Italian Study** Stefano Galli, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 370: Comparison of Acute Thrombogenicity for Magnesium vs Stainless Steel Stents in a Porcine Arteriovenous Shunt Model** Michael Lipinski, MD
11:13 AM	**Discussion**
11:18 AM	**TCt 371: Acute and Short Term Performance of MAGMARIS Bioresorbable Scaffold Implantation Using the PSP-Technique: A Multicenter Experience.** Cristina Rolfo, MD
11:25 AM	**Discussion**

Moderated Poster Session: TAVR Outcomes

Tuesday, October 31
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 7, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**TAVR Outcomes** **Moderators:** Joseph P. Carrozza Jr, Mark A. de Belder **Discussants:** Stanley J. Chetcuti, Eric A. Cohen, Thomas Hovasse, Jan G. P. Tijssen

10:30 AM	**TCT 382:Four-Year Outcomes With the Fully Repositionable and Retrievable Lotus Transcatheter Aortic Valve: Results From the REPRISE II Study** David Hildick-Smith
10:37 AM	**Discussion**
10:42 AM	**TCT 383: Extent of Cardiac Damage in Aortic Stenosis Relates to TAVR Outcomes: A Validation of a New Staging System** João Cavalcante, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 384: The Myocardial Contraction Fraction Predicts Adverse Events After Aortic Valve Replacement: An Analysis of 3,259 Patients From the Pooled PARTNER 2 Database** Mahesh Madhavan, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 385: Prognostic Value of Right Ventricular Dysfunction on Clinical Outcomes Following Transcatheter Aortic Valve Replacement** Masahiko Asami. MD
11:13 AM	**Discussion**
11:18 AM	**TCT 386: Outcome of TAVR Procedures in Patients With Severely Impaired Left Ventricular Ejection Fraction** Tobias Schmidt, MD
11:25 AM	**Discussion**

Moderated Poster Session: Unusual Presentations and Causes of CAD - II

Tuesday, October 31
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 6, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**Unusual Presentations and Causes of CAD - II** **Moderator:** Kevin Rogers **Discussants:** Sandeep Nathan, Hisayuki Okada, Shaheen Pandie

10:30 AM	**TCT 377: Recurrent Myocardial Infarction in Patients With Prior Spontaneous Coronary Artery Dissection.** Tony Main, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 378: Prognosis of Patients With Significant Coronary Artery Spasm Without Fixed Stenosis and Treated With/Without Calcium Channel Blockers** Seung-Woon Rha, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 379: Spontaneous Coronary Artery Dissection (SCAD) Is Not A Benign Entity: Analysis of 120 Patients In Brazilian SCAD Registry With A Long-Term Follow-Up.** Jamil Cade, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 380: Clinical, Angiographic Characteristics, and In-hospital Outcomes of Patients With Acute Myocardial Infarction Presenting Without Typical Chest Pain** Chenxi Song, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 381: Functional and Morphological Assessment of Left Anterior Descending Artery in Patients With Takotsubo Syndrome** Gustavo Jimenez-Brítez, MD
11:25 AM	**Discussion**

Moderated Poster Session: COMBO Stent Studies

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 8, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**COMBO Stent Studies** **Moderators:** Jacques J. Koolen, Vincent On-Hing Kwok **Discussants:** Ricardo A. Costa, Michalis Hamilos, Chris Kwok Yiu Wong

11:30 AM	**TCT 427: Three Year Clinical Performance of the Dual-Therapy COMBO stent: Insights From the REMEDEE Registry** Deborah Kalkman, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 755: Role of Circulating Progenitor Cells in the Appearance of Neointimal Heperplasia After Everolimus Eluting Stent Implantation** Luis Nombela-Franco
11:49 AM	**Discussion**
11:54 AM	**TCT 429: Comparison of the Clinical Performance Between COMBO and Xience Stent at One Year Follow-Up in All-Comers Patients** Deborah Kalkman, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 430: Nine-Month Angiographic and 1-Year Clinical Outcomes of the RECOVERY Study: A Randomized Trial Evaluating the Safety and Efficacy of the Combo Bio-Engineered Sirolimus-Eluting Stent Versus the Nano Polymer-Free Sirolimus-Eluting Stent in Patients** Ling Tao, MD
12:13 PM	**Discussion**

Moderated Poster Session: Dilemmas in Coronary Physiology, Part 3

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Dilemmas in Coronary Physiology, Part 3** **Moderators:** James Sapontis, Erick Schampaert **Discussants:** Takashi Akasaka, Michael Mahmoudi, Hitoshi Matsuo, Sukhjinder S Nijjer

11:30 AM	**TCT 412: Prognostic Implications of Pressure-Bounded Coronary Flow Reserve vs Flow-Derived Coronary Flow Reserve** Gilbert Wijntjens, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 413: Clinical Relevance of Adverse Plaque and Hemodynamic Characteristics in Non-Obstructive Lesions in the Prediction of Risk for Acute Coronary Syndrome** Jiesuck Park, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 414: Diastolic-Systolic Velocity Ratio to Detect Coronary Stenoses** Guus de Waard, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 415: The Influence of Sex on Fractional Flow Reserve is Different by Lesion Location** Chee Hae Kim
12:13 PM	**Discussion**
12:18 PM	**TCT 416: Rationale and Design of COMBINE (OCT–FFR) Assessment of Non-Culprit Lesions to Better Predict Adverse Event Outcomes in Diabetes Mellitus Patients** Balasz Berta
12:25 PM	**Discussion**

Moderated Poster Session: Peripheral Vascular Disease and Intervention

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 3, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM

Peripheral Vascular Disease and Intervention

Moderators: Anthony J. Comerota, Gregory Mishkel
Discussants: Salman A. Arain, George S Chrysant, Steve Henao, Vishal Kapur

11:30 AM	**TCT 402: Differential Late Stent Enlargement and Vascular Response Following New-generation Self-expanding Stent Implantation in Tapered Peripheral Arteries: Insights From Serial Optical Coherence Tomography** Masayasu Ikutomi, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 403: Impact of Statin Therapy on Clinical Outcomes after Endovascular Treatment in Patients With Femoropopliteal Artery Disease (From the K VIS Registry Data)** Wonho Kim, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 404: Percutaneous Femoropopliteal Bypass Using the Novel PQ Bypass DETOUR Procedure for Long-Segment Disease: Interim Safety and Efficacy Data From the DETOUR I Trial** Jihad A. Mustapha
12:01 PM	**Discussion**
12:06 PM	**TCT 405: Drug Eluting Scaffold With an Absorbable Platform for Primary Lower Extremity Arterial Revascularization – DESappear Study Initial Results** Marc Bosiers, MD
12:13 PM	**Discussion**
12:18 PM	**TCT 406: Long-Term Outcomes After Endovascular Intervention of External Iliac Arteries** Bejan Alvandi
12:25 PM	**Discussion**

Moderated Poster Session: TAVR, Stroke, and Embolic Protection

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 7, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**TAVR, Stroke, and Embolic Protection** **Moderators:** Sameer Gafoor, Giora Weisz **Discussants:** Mohamed Abdel-Wahab, Saif Anwaruddin, Philipp Blanke, John K. Forrest, Jeroen Vos

11:30 AM	**TCT 422: Pre-procedural White Matter Lesion Burden Predicts MRI Outcomes in Transcatheter Aortic Valve Replacement (TAVR): The Sentinel Trial** Michael Dwyer, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 423: Is There a Difference in Cerebral Infarcts in Patients Who Undergo TAVR for Calcified Aortic Valve Stenosis Compared to Pure Aortic Regurgitation?** Ermela Yzeiraj, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 424: Brief Cognitive Behavioral Therapy for Patients Undergoing TAVR: A Randomized Controlled Trial** Katharine Edwards, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 425: Impact of Cerebral Protection in Aortic Stenosis Patients Treated With Transcatheter Aortic Valve Replacement on Functional and Structural Integrity of the Brain: Results of A Combined Patient-level Analysis of Three Randomized Controlled Trials** Stephan Haussig, MD
12:13 PM	**Discussion**
12:18 PM	**TCT 426: CT predictor of Periprocedural Stroke Related to Transcatheter Aortic Valve Replacement** Masaki Miyasaka, MD
12:25 PM	**Discussion**

Moderated Poster Session: TAVR and Atrial Fibrillation

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**TAVR and Atrial Fibrillation** **Moderators:** Jan Kovac, Pascal Vranckx **Discussants:** Ajay Sinhal, Maurizio Taramasso, Torsten P. Vahl

11:30 AM	**TCT 397: Edoxaban vs Standard of Care and their Effects on Clinical Outcomes in Patients Having Undergone Transcatheter Aortic Valve Implantation in Atrial Fibrillation – Rationale and Design of the ENVISAGE-TAVI AF Trial** Nicolas M. Van Mieghem
11:37 AM	**Discussion**
11:42 AM	**TCT 398: Associations Between Atrial Fibrillation and Clinical Outcomes Among Patients Undergoing Transcatheter Aortic Valve Replacement With Self-Expanding Devices: Results From the United States STS/ACC TVT Registry** Jaya Chandrasekhar
11:49 AM	**Discussion**
11:54 AM	**TCT 399: Transfemoral Transcatheter Aortic Valve Implantation Under Continued vs Interrupted Oral Anticoagulation in Patients With Atrial Fibrillation** Norman Mangner, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 400: Pre-existing Atrial Fibrillation Increases Mortality After Transcatheter Aortic Valve Replacement: A Meta-Analysis** Saranapoom Klomjit, MD
12:13 PM	**Discussion**
12:18 PM	**TCT 401: Associations Between Baseline Atrial Fibrillation And Risk Of 1-Year Outcomes After Transcatheter Aortic Valve Replacement: Results From The WIN-TAVI Registry** Jaya Chandrasekhar
12:25 PM	**Discussion**

Moderated Poster Session: Telemedicine and Primary PCI Systems and Networks

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 1, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Telemedicine and Primary PCI Systems and Networks** **Moderators:** Christopher B. Granger, Alice K. Jacobs **Discussants:** Roberto Botelho, Mohamed Abed Bouraghda, Gregory J. Dehmer, Ivan C. Rokos

11:30 AM	**TCT 392: Beyond Door-to-balloon Time in Primary PCI: First Medical Contact-to-first Device Time of Less than 120 Minutes is a Reasonable Contemporary Real-world Prognostic Target** Peter Moore, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 393: Latin America Telemedicine Infarct Network (LATIN) - Telemedicine + STEMI Systems of Care to Hugely Expand Access to AMI Care in Emerging Countries** Sameer Mehta, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 394: Impact of Creating a Telemedicine-Guided, Population-Based, ST Elevation Myocardial Infarction (STEMI) Network on Revascularization Strategy, Cost, and Mortality** Sameer Mehta, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 395: Cost-effective, Innovative, Indigenous, Population-based and Telemedicine-guided, AMI Strategy for India's Most Populous State** Sameer Mehta, MD
12:13 PM	**Discussion**
12:18 PM	**TCT 396: Impact on Public Health of a Network in Acute Myocardial Infarction Care (iPHENAMIC)** Guillermo Aldama Lopez, MD
12:25 PM	**Discussion**

Moderated Poster Session: Treatment of In-stent Restenosis

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 6, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Treatment of In-stent Restenosis** **Moderators:** Fernando Alfonso, Manish A. Parikh **Discussants:** Kenneth Chin, Guy S. Mayeda, Miodrag C. Ostojic

11:30 AM	**TCT 417: Comparative Efficacy of Two Paclitaxel-coated Balloons With Different Excipient Coatings In Patients With Coronary In-stent Restenosis** Roisin Colleran, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 418: Five Years Clinical Outcome of the Cobalt-Chromium Everolimus-Eluting Stent in Patients With Bare-Metal and Drug-eluting In-stent Restenosis** Takashi Hiromasa, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 419: Long-term Clinical Outcomes of Patients Presenting With In-stent Restenosis After Drug-eluting Stent Implantation for Unprotected Left Main Coronary Artery: A Pooled Analysis of the ISAR-LEFT MAIN and ISAR-LEFT MAIN 2 Randomized Trials** Erion Xhepa, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 720: Impact of Stent Underexpansion and Tissue Patterns on Recurrent Restenosis After Paclitaxel-Coated Balloon Angioplasty for Drug-Eluting Stent Restenosis Assessed With Optical Coherence Tomography** Katsuya Miura, MD
12:13 PM	**Discussion**
12:18 PM	**TCT 421: Prevalence and Treatment Patterns for In-stent Restenosis: A Single Center Report From The Duke Databank for Cardiovascular Disease** Jay Shavadia, MD
12:25 PM	**Discussion**

Moderated Poster Session: Use of BRS During Treatment of Patients With ACS

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Poster 1, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Use of BRS During Treatment of Patients with ACS** **Moderators:** Christophe Dubois, Holger M. Nef **Discussants:** Christos Christou, Istvan F. Edes, Soledad Ojeda

11:30 AM	**TCT 407: Treatment of Acute Coronary Syndrome Patients With a Sirolimus-Eluting Bioresorbable Polymer-Coated Stent: 1-year Clinical Outcomes From the e-Ultimaster Registry** Orazbek Sakhov, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 408: Three-Year Clinical Outcome of Everolimus-Eluting Bioresorbable Scaffold vs Durable Polymer Everolimus-Eluting Metallic Stent In Patients With ST-Segment Elevation Myocardial Infarction: Results of the Randomized ABSORB ST-segment Elevation Myoca** Patrick W. Serruys
11:49 AM	**Discussion**
11:54 AM	**TCT 409: Optical Coherence Tomography Surveillance of Tissue Coverage at Six Months After Stenting for Acute Myocardial Infarction With Bioabsorbable Vascular Scaffolds in the ISAR-Absorb MI Trial** Himanshu Rai, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 410: Reendothelialization After SYNERGY Stent and Bioresorbable Vascular Scaffold ABSORB Implantation In Acute Myocardial Infarction : COVER-AMI Study** Didier Carrié
12:13 PM	**Discussion**
12:18 PM	**TCT 411: Initial Experience With Sirolimus-Eluting Magnesium-Based Bioresorbable Vascular Scaffold Implantation In Patients With ST-elevation Myocardial Infarction** Nadia Debbas, MD
12:25 PM	**Discussion**

Moderated Poster Session: CTO Strategies

Tuesday, October 31
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 6, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**CTO Strategies** **Moderators:** Debabrata Dash, Stéphane Rinfret **Discussants:** Wirash Kehasukcharoen, Alexander Grigorievich Osiev, Y.V.C. Reddy, Zoltan Ruzsa

2:00 PM	**TCT 456: Effect of CTO PCI on Electrocardiographic Parameters in the EXPLORE Trial** Ivo M van Dongen, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 457: Impact of Treatment Strategy on Angiographic Outcomes and Risk Factors of Restenosis After Percutaneous Coronary Intervention for In-Stent Chronic Total Occlusion** Katsuya Miura, MD
2:19 PM	**Discussion**
2:24 PM	**TCT 458: Retrograde CTO PCI of Native Coronary Arteries Via Left Internal Mammary Artery Grafts: Insights From a Multicenter US Registry** Peter Tajti, MD
2:31 PM	**Discussion**
2:36 PM	**TCT 459: Simple vs Complex Strategy for the Treatment of Bifurcation Lesions in the Context of a Coronary Chronic Total Occlusion. A Multicenter Registry** Soledad Ojeda
2:43 PM	**Discussion**
2:48 PM	**TCT 460: Clinical Impact of Complete Coronary Revascularization by Percutaneous Coronary Intervention in Patients With Chronic Total Occlusion in the First and Newer Drug-Eluting Stent Generation Era** Renato Valenti, MD
2:55 PM	**Discussion**

Moderated Poster Session: Economic Analyses

Tuesday, October 31
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 1, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**Economic Analyses** **Moderators:** Suzanne J. Baron, Jack C. Lewin **Discussants:** Abdul Kader Akanda, Nihar Desai, Anthony J Spaedy, Thomas D. Stuckey

2:00 PM	**TCT 431: Socioeconomic Disparities in Access for Watchman Device Insertion in Patients With Atrial Fibrillation and at Elevated Risk of Bleeding** Daniel Kupsky, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 432: Association of Primary Insurance Status With Use of Revascularization and In-hospital Outcomes in Patients With Non-ST-segment Elevation Myocardial Infarction in the United States** Tanush Gupta, MD
2:19 PM	**Discussion**
2:24 PM	**TCT 433: Death by Insurance: Insurance Payer Mix is Tied to Clinical Outcomes in Patients With Acute Myocardial Infarction Complicated by Cardiogenic Shock** Carlos Davila, MD
2:31 PM	**Discussion**
2:36 PM	**TCT 434: Economic Benefits of Transradial Percutaneous Coronary Intervention: A National Analysis from the British Cardiovascular Intervention Society Database** Mamas Mamas
2:43 PM	**Discussion**
2:48 PM	**TCT 435: Comparative Mortality Outcomes in Uninsured Patients With ST-segment Elevation Myocardial Infarction vs Those With Medicaid: Results from a Nationwide Real-world Registry** Qasim Malik, MD
2:55 PM	**Discussion**

Moderated Poster Session: Geographic Variations in Treatment of Patients With Heart Disease

Tuesday, October 31
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 3, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**Geographic Variations in Treatment of Patients With Heart Disease** **Moderators:** Rafael Beyar, Fausto Feres **Discussants:** Thomas Alexander, Ning Guo, Antonio A Pocovi, Bjorn Redfors

2:00 PM	**TCT 441: Traditional and Genetic Risk Factors in Young Patients With Myocardial Infarction in Iraq** Ameen Mohammad, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 442: Navigating Infra-structure, Logistic, Financial, Cultural, and Geographic Barriers in Constructing Nationwide STEMI Networks** Sameer Mehta, MD
2:19 PM	**Discussion**
2:24 PM	**TCT 443: Geographical Variation in Patient Characteristics, Procedures, and Clinical Outcomes After PCI of Left Main Coronary Artery Disease: Analysis from the EXCEL Trial** Aung Myat, MD
2:31 PM	**Discussion**
2:36 PM	**TCT 444: The Prognostic Significance of Complete Revascularization Across all Indications for Percutaneous Coronary Intervention: An Analysis of 28,632 Patients With Multivessel Disease From the British Columbia Cardiac Registry** Peter Moore, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 445: Elective vs Non-Elective Transcatheter Aortic Valve Replacement in the United States: Insight from the Nationwide Inpatient Sample** Fahad Alqahtani, MD
2:55 PM	**Discussion**

Moderated Poster Session: Novel Mitral Valve Therapies

Tuesday, October 31
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 7, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**Novel Mitral Valve Therapies** **Moderators:** James S. Gammie, Alec S. Vahanian **Discussants:** Damiano Regazzoli, Eleftherios Sideris, Gilbert H.L. Tang, Wei-Hsian Yin

2:00 PM	**TCT 461: 6 month Outcomes of Transcatheter Annular Reduction Therapy (TART) with the ARTO™ System for Functional Mitral Regurgitation** Stephen G. Worthley
2:07 PM	**Discussion**
2:12 PM	**TCT 462: Two-Years Echocardiographic Changes after Neochord Procedure** Andrea Colli, MD
2:19 PM	**Discussion**
2:24 PM	**TCT 463: Echocardiographic Impact of Residual Mitral Regurgitation On Annular Dimensions and Ventricular Volumes After Neochord Repair Procedure** Andrea Colli, MD
2:31 PM	**Discussion**
2:36 PM	**TCT 464: Percutaneous Transcatheter Mitral Valve Replacement via Transseptal or Transapical Approach In Patients Who Are Prohibitive Risk For Surgery: US Multicenter Registry** Divya Ratan Verma, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 465: A US Multicenter Registry For Percutaneous Transcatheter Mitral Valve Replacement Using Balloon Expandable Valve In Patients Who Are At Prohibitive Risk For Surgery** Divya Ratan Verma, MD
2:55 PM	**Discussion**

Moderated Poster Session: Percutaneous Treatment of Bicuspid AS and/or AI

Tuesday, October 31
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 4, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**Percutaneous Treatment of Bicuspid AS and/or AI** **Moderators:** Khalil Fattouch, Hendrik Treede **Discussants:** Jung-Min Ahn, Hasan Jilaihawi, Albert Markus Kasel

2:00 PM	**TCT 446: Trends in Transcatheter Aortic Valve Replacement in Patients With Bicuspid Aortic Valve Stenosis: Insights from National Inpatient Sample Database** Bhaskar Bhardwaj, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 447: Improved Outcomes in Patients With Bicuspid Aortic Valve Disease With Evolut R Self-Expanding Transcatheter Aortic Valve Replacement: A Report From the Society of Thoracic Surgeons/American College of Cardiology Transcatheter Valve Therapy Regist** Jeffrey J. Popma
2:19 PM	**Discussion**
2:24 PM	**TCT 448: Transcatheter Aortic Valve Replacement for Isolated Severe Native Aortic Valve Regurgitation – Results From the TAVR-NAVR Registry** Ole De Backer, MD
2:31 PM	**Discussion**
2:36 PM	**TCT 449: Clinical and Procedural Outcomes in TAVR for Bicuspid vs Tricuspid Aortic Valve Stenosis: A Meta-analysis** Mohammad Ansari, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 450: Procedural Outcomes of Balloon Valvuloplasty in Patients With Bicuspid Aortic Valve Stenosis: Insights from a National Database** Nirmanmoh Bhatia, MD
2:55 PM	**Discussion**

Moderated Poster Session: Shear Stress

Tuesday, October 31
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**Shear Stress** **Moderators:** Habib Samady, Peter H. Stone **Discussants:** Haibo Jia, James E. Muller, Maksymilian P. Opolski, Sudhir Rathore

2:00 PM	**TCT 451: Shear Stress Analysis in Multimodality Imaging A Sub-analysis of IBIS 4 Study** Christos Bourantas, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 452: High Wall Shear Stress was Strongly Associated With Plaque Vulnerability in Computational Fluid Dynamics With Combined Optical Coherence Tomography and Heartflow FFRCT Simulation** Takayoshi Toba, MD
2:19 PM	**Discussion**
2:24 PM	**TCT 453: Quantification of Disturbed Coronary Blood Flow: Disturbed Vorticity Index and its Relation With Fractional Flow Reserve** Shengxian Tu
2:31 PM	**Discussion**
2:36 PM	**TCT 454: Impact of Underexpansion on IVUS-Derived Wall Shear Stress Patterns with Bioresorbable Scaffolds and Metallic DES: Insights from the ABSORB III Imaging Substudy** Bill Gogas, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 455: Angiographic Derived Endothelial Shear Stress: A New Predictor of Atherosclerotic Disease Progression** Christos Bourantas, MD
2:55 PM	**Discussion**

Moderated Poster Session: STEMI Outcomes

Tuesday, October 31
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 8, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**STEMI Outcomes** **Moderators:** Michael J. Cowley, Ernest L. Mazzaferri, Jr. **Discussants:** Yuji Ikari, Wathik Takdemt, Anuradha Tunuguntla

2:00 PM	**TCT 466: Impact of a Comprehensive STEMI System on Outcomes of STEMI Patients With Non-System Delays** Chetan Huded, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 467: Association of Chronic Total Occlusion With In-Hospital Outcomes after Percutaneous Coronary Intervention for Acute Myocardial Infarction: Insights from the National Inpatient Sample Database** Mohamed Omer, MD
2:19 PM	**Discussion**
2:24 PM	**TCT 468: One-year Clinical Outcomes of Successful Coronary Chronic Total Occlusion Intervention in Patients With Acute Coronary Syndrome ; From the Korean, Nationwide, Multicenter CTO (K-CTO) Registry** Seung-Woon Rha, MD
2:31 PM	**Discussion**
2:36 PM	**TCT 469: Revascularization Strategies in STEMI Patients With Multivessel Disease and High Risk of Stent Restenosis: 2-year Clinical Outcomes** Mariusz Tomaniak, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 470: Comparison of 5-year Clinical Outcomes Between Stabilized Acute Myocardial Infarction Patients Following Percutaneous Coronary Intervention and the Patients With Angina Pectoris** Ju Yeol Baek, MD
2:55 PM	**Discussion**

Moderated Poster Session: TAVR and CAD and Coronary Intervention

Tuesday, October 31
2:00 PM - 3:00 PM
Colorado Convention Center
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

2:00 PM - 3:00 PM	**TAVR and CAD and Coronary Intervention** **Moderators:** John M. Lasala, Reginald I. Low **Discussants:** Amar Krishnaswamy, Gerhard C. Schuler, Yusuke Watanabe, Yoshito Yamamoto

2:00 PM	**TCT 436: Technical Safety and Feasibility of Coronary Interventions in Patients With Prior Self-expanding Transcatheter Aortic Valve Replacement** Akihito Tanaka, MD
2:07 PM	**Discussion**
2:12 PM	**TCT 437: A Novel Preoperative Assessment of Coronary Obstruction Following TAVR Procedure: Development View of the Aortic Root** Koichi Maeda, MD
2:19 PM	**Discussion**
2:24 PM	**TCT 438: Impact of Concomitant Coronary Artery Disease on Risk for Short-term MACCE in Patients After TAVR** Birgit Vogel, MD
2:31 PM	**Discussion**
2:36 PM	**TCT 439: Trans-Apical Aortic Valve Replacement in Patients With History of Coronary Artery Bypass Grafting Surgery: An Analysis of the National Inpatient Sample Database** Konstantinos Voudris, MD
2:43 PM	**Discussion**
2:48 PM	**TCT 440: Transcatheter vs Surgical Aortic Valve Replacement in Patients With Prior Coronary Artery Bypass Grafting: Trends in Utilization and a Propensity-Score Matched Analysis of In-hospital Outcomes** Tanush Gupta, MD
2:55 PM	**Discussion**

Moderated Poster Session: Cardiac Arrest and Resuscitation

Tuesday, October 31
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**Cardiac Arrest and Resuscitation** **Moderator:** David X. Zhao **Discussants:** Salman A. Arain, Daniel R. Bensimhon, Rik Hermanides, Paul Luporsi

3:00 PM	**TCT 491: SCINET: Software ECG Interpretation of ST-Elevation Myocardial Infarction and Activation of the Cath Lab** Justin Cloutier, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 492: Neurologic Outcome in Patients With Successfully Resuscitated From Out-of-Hospital Cardiac Arrest According to the Timing of Initiating Therapeutic Hypothermia** Park Jin Sup, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 493: Cardiac Arrest Survival Score: A Novel Tool for Predicting Mortality Post Cardiac Arrest** Manoj Thangam, MD
3:31 PM	**Disussion**
3:36 PM	**TCT 494: Long Term Prognostic Impact of Myocardium at Risk and CTO Presence in the Setting of Myocardial Infarction Complicated by Out-of-Hospital Cardiac Arrest** Georgios Sideris, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 495: Percutaneous Extracorporeal Life Support in the Catheterization Laboratory for Refractory Cardiac Arrest in A Center Without On-site Cardiovascular Surgery** Georgios Sideris, MD
3:55 PM	**Discussion**

Moderated Poster Session: Contrast Induced Nephropathy

Tuesday, October 31
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 1, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**Contrast Induced Nephropathy** **Moderators:** Theodore A. Bass, Claude Hanet **Discussants:** Zening Jin, Andrew J. Klein, Jian Liu, Vivudh Pratap Singh

3:00 PM	**TCT 471: The Prognostic Implications of a Single Higher Contrast Volume Procedure vs Separate Lower Contrast Volume Staged Procedures for Percutaneous Coronary Intervention: A Decision-Analytical Model to Define the Threshold for Contrast:Glomerular Filtr** Navin Chandra, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 472: Predictive Value of the Age, Creatinine, and Ejection Fraction (ACEF) Score in Patients With Acute Coronary Syndromes** Barbara Stähli, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 473: Contrast-Induced Nephropathy (CIN) in Patients With Renal Impairment: Pooled Data From Three Prospective, Randomized Studies Comparing Iodixanol 320 mg and Iopamidol 370mg** Cezar Staniloae, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 474: Ultra-Low Contrast Coronary Angiography in Patients With Advanced Chronic Kidney Disease - Feasibility and Outcomes Compared to Standard Angiography** Navdeep Bhatti, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 475: Simple and Effective Way to Prevent Contrast Induced Nephropathy in Patients With Chronic Renal Dysfunction by Induced Diuresis With Matched Hydration- A Randomized Control Trial** Purendra Kumar Pati, MD
3:55 PM	**Discussion**

Moderated Poster Session: CTO: Predictors of Success

Tuesday, October 31
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 6, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**CTO: Predictors of Success** **Moderators:** Mauro Carlino, Angela Hoye **Discussants:** Arif Al Nooryani, Kevin J. Croce, Giovanni Esposito, Andrea Pacchioni

3:00 PM	**TCT 496: Predictors of Residual Angina After Chronic Total Occlusion Percutaneous Coronary Intervention: External Validation of an Existing Model** Mohammed Qintar, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 497: Novel Risk Tool to Predict Angina-Related Health Status Following Percutaneous Coronary Intervention of a Chronic Total Occlusion: A Sub-analysis of the OPEN CTO Registry** Eric Secemsky, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 498: Clinical Characteristics, Predictors of Complications, and Successful Recanalization in Patients With Coronary Chronic Occlusions Undergoing Percutaneous Revascularization: Results from the Multicenter Iberian Registry.** Ignacio Amat-Santos, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 499: Utilization of the Hybrid Approach for Percutaneous Coronary Interventions for Chronic Total Occlusions: Update From a Multicenter Global Registry** Peter Tajti, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 500: JCTO and PROGRESS CTO Scores Performance in Predicting Technical and Procedural Success after CTO PCI: An Analysis of the OPEN CTO Multicenter Registry** Matthew Finn, MD
3:55 PM	**Discussion**

Moderated Poster Session: Mitral Valve-in-Valve

Tuesday, October 31
3:00 PM - 3:48 PM
Colorado Convention Center
Moderated Posters 7, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 3:48 PM	**Mitral Valve-in-Valve** **Moderators:** Mark Reisman, Stephen G. Worthley **Discussants:** Paolo Denti, Linda D. Gillam, Jose Luis Navia, Fabien Praz, Ulrich Schäfer

3:00 PM	**TCT 501: Echocardiographic Findings of Transcatheter Mitral Valve-in-Valve Therapy VS. Re-do Surgical MVR in Patients With Previous Mitral Prosthetic Valves** Norihiko Kamioka, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 502: Transapical Transcatheter Mitral Valve-in-Valve Implantation in a Patient Population with a High Proportion of Cardiogenic Shock** Adham Elmously, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 503: Large Multicenter Evaluation of Clinical Outcomes of Transcatheter Valve-in-Valve Procedures Performed for Failed Mitroflow/Trifecta (Externally Mounted Leaflets) Bioprostheses and Comparison With Conventional Stented Bioprostheses** Axel Unbehaun, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 504: Transcatheter valve-in-valve therapy for degenerated mitral bioprostheses.** Lena Katharina Eschenbach, MD
3:43 PM	**Discussion**

Moderated Poster Session: PCI in Patients With Chronic Kidney Disease

Tuesday, October 31
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 3, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**PCI in Patients with Chronic Kidney Disease** **Moderator:** Ziad A. Ali **Discussants:** Eugenia Nikolsky, Deep Chandh Raja

3:00 PM	**TCT 481: Stent Selection in Patients With Renal Dysfunction** Daniel Feldman, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 482:The Comparison of Usefulness Of Bioresorbable Polymer-Everolimus Eluting Stent With Platinum Chromium-Everolimus Eluting Stent and Everolimus-Eluting Stent In Patients With The End-Stage Chronic Kidney Disease Including Hemodialysis** Shohei Kishi, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 483: Comparison of The Pharmacodynamics and Pharmacokinetics of Ticagrelor vs Clopidogrel In Patients With Chronic Kidney Disease and Non–ST-Elevation Acute Coronary Syndromes (OPT-CKD trial)** Yaling Han, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 484: Coronary Calcifications in Patients With Mild Renal Dysfunction: Insights From the Emory Optical Coherence Tomography Registry** Nikolaos Spilias, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 485: Impact of Renal Function on Outcomes After Stent Implantation for Left Main Coronary Artery: A Report From the Multicenter Assessing Optical Percutaneous Coronary Intervention for Left Main Coronary Artery Stenting Registry** Akimune Kuwayama, MD
3:55 PM	**Discussion**

Moderated Poster Session: STEMI and Incomplete vs Complete Revascularization

Tuesday, October 31
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 8, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**STEMI and Incomplete vs Complete Revascularization** **Moderators:** Bill French, Harry Suryapranata **Discussants:** Adriano Caixeta, Nireen Okasha, Paul Rees, Julian Strange

3:00 PM	**TCT 505:Prognostic Role of Initial and Residual SYNTAX SCORE in Patients With ST-SEGMENT ELEVATION Myocardial Infarction after Primary Percutaneous Coronary Intervention** Roman Tarasov, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 506: An Updated Meta-analysis of Randomized Trials Comparing Complete vs Culprit-only Revascularization in Patients Undergoing Primary Percutaneous Coronary Intervention** Roisin Colleran, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 507: Cost Utility Analysis of Complete vs Culprit-vessel Only Percutaneous Coronary Intervention (PCI) for ST-elevation Myocardial Infarction in Patients With Multi-Vessel Disease** Daniel Jones, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 508: Impact of Incomplete Revascularization in Either Diabetic and Non-diabetic Patients Presenting With STEMI and Multi-vessel Disease** Dominika Klimczak, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 509: Fractional Flow Reserve-guided Complete Revascularization in STEMI Patients With Multivessel Disease Compared to Culprit-only Revascularization: A Meta-analysis** Alexandre Hideo-Kajita, MD
3:55 PM	**Discussion**

Moderated Poster Session: Stent and Scaffold Thrombosis

Tuesday, October 31
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 4, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**Stent and Scaffold Thrombosis** **Moderator:** Gennaro Sardella **Discussants:** Johan Robert Bennett, Paul Gordon, Giulio Guagliumi

3:00 PM	**TCT 486: Acute Thrombogenicity and Inflammation in Response to a Durable Fluoropolymer Everolimus-Eluting Stent Relative to a Durable BioLinx Polymer Zotarolimus-Eluting Stent** Sho Torii, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 487: Plasma Big Endothelin-1 and Stent Thrombosis: An Observational Study in Patients Undergoing Percutaneous Coronary Intervention in China** Yan Chen, MD
3:19 PM	**Discussion**
3:24 PM	**TCt 488: Determinants of Stent Healing in Optical Coherence Tomography: Validation Study With Histopathology in the Porcine Coronary Restenosis Model** Maciej Pruski Jr, MD
3:31 PM	**Discussion**
3:36 PM	**TCT 489: Effect of ABSORB Bioresorbable Vascular Scaffold Thrombosis on Mortality and Myocardial Infarction: A Systematic Review and Meta-analysis** Omar Meelu, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 490: Management and Outcomes of Angiographically Documented Stent Thrombosis** Daniel Jeffery, MD
3:55 PM	**Discussion**

Moderated Poster Session: TAVR and Paravalvular Leaks

Tuesday, October 31
3:00 PM - 4:00 PM
Colorado Convention Center
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

3:00 PM - 4:00 PM	**TAVR and Paravalvular Leaks** **Moderators:** Charles J. Davidson, Massimo Napodano **Discussants:** Hyo-Soo Kim, Anupama Shivaraju, William M Suh, Felix Woitek

3:00 PM	**TCT 476: Hemodynamic Effects of Valve Asymmetry in Sapien 3 Transcatheter Aortic Valves** Daniel Mangels, MD
3:07 PM	**Discussion**
3:12 PM	**TCT 477: Change In Paravalvular Leak Following CoreValve vs Sapien Aortic Valve Replacement** Marissa Donatelle, MD
3:19 PM	**Discussion**
3:24 PM	**TCT 478: Low Incidence of Paravalvular Leak at 6 Months With the New Self-Expanding Repositionable Transcatheter Aortic Valve With Pericardial Wrap** John K. Forrest
3:31 PM	**Discussion**
3:36 PM	**TCT 479: Impact of Left Ventricular Outflow Tract (LVOT) Morphology and LVOT-Annular Mismatch on Paravalvular Leak and New Conduction Abnormalities After Transcatheter Aortic Valve Replacement: Concept of the "Non-Tubular Index" and LVOT Sealing Zone** Said Zaid, MD
3:43 PM	**Discussion**
3:48 PM	**TCT 480: Inovare Proseal: New transcatheter Prosthesis Aiming Zero paravalvular Leak** Diego Gaia, MD
3:55 PM	**Discussion**

Edited Taped Cases 3: TAVR

Tuesday, October 31
9:30 AM - 11:10 AM
Colorado Convention Center
Presentation Theater 4, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 11:10 AM	**Edited Taped Cases 3: TAVR** **Moderators:** Francesco Saia, Gerhard C. Schuler **Discussants:** Mohamed Chettibi, Tomasz Gasior

9:30 AM	**Taped and Edited Live-Case of the Use of a TriGuard Cerebral Protection Device During TAVR With Sapien 3** **Case Presenter:** Pieter R. Stella
9:42 AM	**Discussion**
9:50 AM	**A Case of Transubclavian TAVR. Always Pay Attention to the Wire!** **Case Presenter:** Ioannis Iakovou
10:02 AM	**Discussion**
10:10 AM	**Using Augmented and Virtual Reality in Aortic Valve Guidance Supports Accurate Valve Placement in TAVI** **Case Presenter:** Silvio J. Bezerra
10:22 AM	**Discussion**
10:30 AM	**Minimally Invasive Transfemoral TAVR** **Case Presenter:** Francesco Burzotta
10:42 AM	**Discussion**
10:50 AM	**First in Man: Transfemoral Transcatheter Aortic Valve Replacement Using a Novel Transcatheter Balloon Expandable Valve** **Case Presenter:** Ravinder S Rao
11:02 AM	**Discussion**

Interventional Innovation II: Shark Tank Innovation Competition

Tuesday, October 31
8:00 AM - 12:00 PM
Colorado Convention Center
Four Seasons Ballroom 4, Ballroom Level
Accreditation: none

8:00 AM - 12:00 PM	**Shark Tank Innovation Competition** **Moderators:** Louis A. Cannon, Peter J. Fitzgerald, Juan F. Granada **Judges:** Daniel Burkhoff, Frank Litvack, Chaim S. Lotan, Ian T. Meredith, Ileana L. Pina, Paul G. Yock

8:00 AM	**The Digitization of Medicine and Cybersecurity in Healthcare: Current Perspectives and Future Trends** Peter J. Fitzgerald
8:10 AM	**Roundtable Discussion**
8:25 AM	**Introduction: Shark Tank Innovation Competition 2017** Juan F. Granada

8:30 AM	**A Novel Trans-catheter Mitral Valve Replacement Technology (4C)** Philippe Genereux
8:38 AM	**Editorial Perspective: The TMVR Field: Unmet Technological Needs, Competitive Landscape and Future Opportunities** Vinayak Bapat
8:43 AM	**Moderated Discussion: 4C and the Unmet Need for TMVR Therapies** Ian T. Meredith
8:53 AM	**Intelligence for Better Clinical Care (Imperative)** Gopal Chopra
9:01 AM	**Editorial Perspective: Data Analytics and Patient Care: Challenges and Opportunities** Peter J. Fitzgerald
9:06 AM	**Moderated Discussion: Interventional Innovation and Digital Health Care** Asif Qasim
9:16 AM	**Soft Robotic Cardiac Assist Device for Heart Failure Patients (CorInnova)** William C Altman
9:24 AM	**Editorial Perspective: The Evolving Role of LVAD in Interventional HF** Ileana L. Pina
9:29 AM	**Moderated Discussion: LVAD Use in Interventional HF: Current Challenges and Opportunities** Daniel Burkhoff
9:39 AM	**Harmony: An Endovascular Neuromodulation Device-based Therapy for the Treatment of Heart Failure (Enopace)** Amir Dagan
9:47 AM	**Editorial Perspective: Device-based Neuromodulation and Interventional HF Therapy** Emerson C. Perin
9:52 AM	**Moderated Discussion: Neuromodulation in HF Treatment: Market Opportunities and Challenges** Juan F. Granada
10:02 AM	**Implantable Peritoneal Ultrafiltration for Fluid Overload Treatment (Paragate)** Yair Feld
10:10 AM	**Editorial Perspective: End-stage HF Treatment: Time for An Interventional Approach?** Daniel Burkhoff
10:15 AM	**Moderated Discussion: End-stage HF Treatment: Competitive Landscape, Challenges and Opportunities** Ileana L. Pina
10:25 AM	**The EARLY BIRD™ System: Real-time Vascular Bleeding Detection Catheter (Saranas)** Mehdi Razavi

10:33 AM	**Editorial Perspective: Vascular Access Complications in the TAVR Area: Frequency and Clinical Outcomes** Susheel K. Kodali
10:38 AM	**Moderated Discussion: Bleeding Complications in Large Bore Arterial Intervention: Is There Need for Further Innovation?** Chaim S. Lotan
10:48 AM	**Interventional Blood Flow Reversal Therapy for the Non-option CLI Patient (LimFlow)** Daniel Rose
10:56 AM	**Editorial Perspective: Clinical Outcomes and Interventional Options in CLI Patients** Mahmood K. Razavi
11:01 AM	**Moderated Discussion: The Evolving BTK/CLI Field: Challenges and Opportunities** Louis A. Cannon
11:11 AM	**Transforming Heart Valve Performance and Manufacturing (Foldax)** Steven J. Yakubov
11:19 AM	**Editorial Perspective: Long-term Valve Performance and Durability: The Next Frontier in Catheter-based Valve Technologies** Susheel K. Kodali
11:24 AM	**Moderated Discussion: Catheter-based Valve Technology Development: Current Technical Needs and Future Opportunities** Frank Litvack
11:34 AM	**Finalists Selection Announcement: Top 4 Scores** Louis A. Cannon
11:40 AM	**Roundtable Discussion With Q&A to the 4 Finalists**
11:55 AM	**Closing Remarks** Peter J. Fitzgerald
12:00 PM	**Adjourn**

Presentation Theater Program: COMBO Plus EPC Capture DES - Beyond Proven Concept to Hard Clinical Evidence (Sponsored by OrbusNeich)

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 4, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM

COMBO Plus EPC Capture DES: Beyond Proven Concept to Hard Clinical Evidence

Co-Chairs: Renu Virmani, Robert J. de Winter
Facultys: Michael Joner, Roxana Mehran, Pieter R. Stella, Huay Cheem Tan

11:30 AM	**True Healing and Restored Functional Endothelium** Renu Virmani
11:36 AM	**Can DAPT Flexibility Benefit TAVR Patients Receiving PCI?** Pieter R. Stella
11:44 AM	**How Can COMBO Benefit AMI Patients?** Huay Cheem Tan
11:52 AM	**COMBO Left Main Registry** Michael Joner
12:00 PM	**Hard Evidence From the COMBO Clinical Program** Roxana Mehran
12:10 PM	**Discussion**
12:25 PM	**Closing Remarks** Robert J. de Winter
12:30 PM	**Adjourn**

Presentation Theater Program: Debating Hot Topics in DES: Left Main Treatment and DAPT Discontinuation (Sponsored by Abbott)

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 3, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM

Debating Hot Topics in DES: Left Main Treatment and DAPT Discontinuation

Chair: Roxana Mehran
Facultys: Nicholas J. Lembo, Marco Valgimigli, Robert W. Yeh

11:30 AM	**Welcome**
11:35 AM	**DAPT Discontinuation: Unmet Clinical Needs and the Role of Stents** Roxana Mehran
11:55 AM	**Left Main: Recent Clinical Data Review and Treatment Possibilities** Nicholas J. Lembo
12:15 PM	**Discussion and Q&A**
12:30 PM	**Adjourn**

Presentation Theater Program: Expanding Treatment Options for Patients With Severe Aortic Stenosis - The LOTUS Edge and ACURATE neo Valves (Sponsored by Boston Scientific Corporation)

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 2, Theater Wing, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM

Expanding Treatment Options for Patients With Severe Aortic Stenosis: The LOTUS Edge and ACURATE neo Valves

Chairs: Ted Feldman, Mayra Guerrero
Facultys: Dean J. Kereiakes, Helge Moellman, Thomas Pilgrim

11:30 AM	**REPRISE III and Beyond: Technology Overview and the Latest Clinical Data for the Lotus Valve** Dean J. Kereiakes
11:40 AM	**ACURATE neo TF Valve: Review of the Device and the SAVI TF1000 Data** Helge Moellman
11:50 AM	**Two Valves, One Practice: Case Examples With the Lotus and the ACURATE neo Valves** Thomas Pilgrim
12:00 PM	**Lotus and ACURATE neo TF in Perspective** Ted Feldman
12:10 PM	**Discussion** **Moderators:** Ted Feldman, Mayra Guerrero Dean J. Kereiakes, Helge Moellman, Thomas Pilgrim
12:30 PM	**Adjourn**

Presentation Theater Program: How State-of-the-Art Technique Simplifies Complex PCIs: Learnings from SYNTAX II (Sponsored by Philips Volcano)

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 5, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM

How State-of-the-Art Technique Simplifies Complex PCIs: Learnings from SYNTAX II

Chair: Morton J. Kern
Facultys: Justin E. Davies, Andre Sharp

11:30 AM	**What is State-of-the-Art PCI?** Morton J. Kern
11:45 AM	**State-of-the-Art Physiology** Justin E. Davies
12:00 PM	**State-of-the-Art Intravascular Imaging** Andrew Sharp
12:15 PM	**Moderated Discussion** Morton J. Kern
12:30 PM	**Adjourn**

Presentation Theater Program: SINOMED Symposium: BuMA Supreme, a New DES With Improved Healing Capacity? New Methods of Assessment for a Novel DES Technology (Sponsored by SINOMED)

Tuesday, October 31
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 1, Theater Wing, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM

SINOMED Symposium: BuMA Supreme, a New DES With Improved Healing Capacity? New Methods of Assessment for a Novel DES Technology

Co-Chairs: Junbo Ge, Martin B. Leon
Facultys: YunDai Chen, Aloke V. Finn, Alexandra J. Lansky, Shaoping Nie, Yoshinobu Onuma, Shubin Qiao, Shigeru Saito, Patrick W. Serruys, Jianhua Sun, Renu Virmani, Stephan Windecker

11:30 AM	**Opening Remarks** Martin B. Leon
11:35 AM	**BuMA Supreme: A Novel DES technology With Unique Coating and Drug Release Kinetics** Jianhua Sun
11:45 AM	**Endothelial Permeability at 45 and 90 days: Comparison of BuMA Supreme, Synergy, and Xience Stent – Novel Insights in Vascular Healing and the Causes of Neoatherosclerosis** Aloke V. Finn
11:55 AM	**Early Healing at 1 and 2 Months of BuMA Supreme vs Xience: Insights From PIONEER II OCT Data** YunDai Chen, Yoshinobu Onuma
12:05 PM	**1-year Results PIONEER FIM, Quantitative Flow Ratio (QFR) vs Angiographic Late Lumen Loss (LLL)** Patrick W. Serruys
12:20 PM	**Discussion and Q&A** **Discussants:** Alexandra J. Lansky, Shaoping Nie, Shubin Qiao, Shigeru Saito, Renu Virmani, Stephan Windecker
12:30 PM	**Adjourn**

Presentation Theater Program: Advancements in Catheter-Based Therapy of Mitral Valve Mediated CHF (Sponsored by Abbott)

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Presentation Theater 3, Exhibit Hall, Exhibit Level
Accreditation: none

1:00 PM - 2:00 PM	**Advancements in Catheter-Based Therapy of Mitral Valve Mediated CHF** **Facultys:** William T. Abraham, Robert Burke, Francesco Maisano, David G. Rizik

1:00 PM	**Welcome** David G. Rizik
1:05 PM	**A Surgeon's Perspective on Treating the HF Patient With Transcatheter Therapies** Francesco Maisano
1:20 PM	**Noninvasive Perspective on Complex Mitral Interventions** Robert Burke
1:35 PM	**Are Guidelines Keeping Pace With the Evidence?** William T. Abraham
1:50 PM	**Closing and Remarks** David G. Rizik
2:00 PM	**Adjourn**

Presentation Theater Program: Advancing Treatment Strategies for Severe Calcium With Orbital Atherectomy in Complex Patients (Sponsored by Cardiovascular Systems, Inc.)

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Presentation Theater 5, Exhibit Hall, Exhibit Level
Accreditation: none

1:00 PM - 2:00 PM **Advancing Treatment Strategies for Severe Calcium With Orbital Atherectomy in Complex Patients**

Facultys: Ziad A. Ali, Emmanouil S. Brilakis, Michael C. Kim, Perwaiz M. Meraj

1:00 PM	**Impact of Severe Coronary Calcification on Clinical Outcomes** Ziad A. Ali
1:13 PM	**Imaging, Vessel Prep, and Its Impact on Stent Expansion** Emmanouil S. Brilakis
1:26 PM	**Insights on Clinical Data for Patients With Calcified Lesions** Perwaiz M. Meraj
1:39 PM	**Case Review: Complex PCI With OAS** Michael C. Kim
1:52 PM	**Panel Q&A**
2:00 PM	**Adjourn**

Presentation Theater Program: Atrial Fibrillation and Stroke Risk Reduction - Practical Strategies to Address Disparities in Patient Care (Sponsored by Boston Scientific Corporation)

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Presentation Theater 2, Theater Wing, Exhibit Level
Accreditation: none

1:00 PM - 2:00 PM

Atrial Fibrillation and Stroke Risk Reduction: Practical Strategies to Address Disparities in Patient Care

Chair: Jacqueline Saw
Facultys: Megan Coylewright, Ruby Satpathy

1:00 PM	**Disparities in Care for Stroke Risk Reduction in Minority Patients** Jacqueline Saw
1:05 PM	**What Are the Data for Appendage Closure and Whose Job Is It to Spread the Word?** Ruby Satpathy
1:20 PM	**Discussing Interventional Procedures With Patients: Does One Size Fit All?** Megan Coylewright
1:30 PM	**Practical Advice on Effective Ways to Discuss Treatment Options With Female Patients** Jacqueline Saw
1:40 PM	**Panel Discussion** **Moderator:** Jacqueline Saw **Discussants:** Megan Coylewright, Ruby Satpathy
2:00 PM	**Adjourn**

Presentation Theater Program: Clinical Kaleidoscope of Novel Interventional Technologies (Sponsored by Meril Life Sciences Pvt. Ltd.)

Tuesday, October 31
1:00 PM - 2:00 PM
Cardiovascular Research Foundation
Presentation Theater 4, Exhibit Hall, Exhibit Level
Accreditation: none

1:00 PM - 2:00 PM

Clinical Kaleidoscope of Novel Interventional Technologies

Co-Chairs: Vinay K. Bahl, Teguh Santoso
Facultys: Abdulrahman Al Moghairi, Ricardo A. Costa, Hyeon-Cheol Gwon, Sasko Kedev, Martin B. Leon, Gabriel Maluenda, Sahil A. Parikh, Ashok Seth, Ravinder Singh Rao, Christos Zambakides

1:00 PM	**Opening Remarks** Martin B. Leon
1:05 PM	**Science Behind MyVal: THV and Clinical Update** Ashok Seth
1:13 PM	**My Experience with MyVal - THV & Key Learnings** Ravinder Singh Rao
1:21 PM	**Next Generation BRS - MeRes100 Science & Clinical Update** Sasko Kedev
1:29 PM	**Extending the Role of BRS in PAD** Sahil A. Parikh
1:37 PM	**My Experience with BioMime SES & MeriT-V RCT Update** Ricardo A. Costa
1:45 PM	**My Experience with BioMime Family of SES**
1:53 PM	**Panel Discussion**
2:00 PM	**Adjourn**

Presentation Theater Program: Taking TAVR to the Next Level (… and Beyond the Aortic Valve) (Sponsored by CRF, Supported by Edwards Lifesciences)

Tuesday, October 31
1:00 PM - 2:00 PM
Colorado Convention Center
Presentation Theater 1, Theater Wing, Exhibit Level
Accreditation: CME

1:00 PM - 2:00 PM	**Taking TAVR to the Next Level (… and Beyond the Aortic Valve)** **Chair:** Martin B. Leon **Facultys:** David J. Cohen, Philippe Genereux, Mayra Guerrero, John G. Webb

1:00 PM	**Is Early Discharge Possible in the Real World? Results from the 3M Study** John G. Webb
1:10 PM	**Discussion**
1:15 PM	**Optimized and Cost Effective TAVR: A Cost Effectiveness Analysis of SAPIEN 3 in the Partner Trial** David J. Cohen
1:23 PM	**Discussion**
1:27 PM	**Transcatheter Mitral Valve-in… Valve, Ring, and MAC, Using Optimal Techniques** Mayra Guerrero
1:37 PM	**Discussion**
1:43 PM	**New TAVR Clinical Trials and Future Indications - Low Risk Patients, Asymptomatic Patients, and Moderate AS with Heart Failure: Status Update** Philippe Genereux
1:53 PM	**Discussion**
2:00 PM	**Adjourn**

Evening Program: Next Generation DES Technology - Let the Future Begin! (Sponsored by CRF, Supported by Abbott, Elixir Medical, Micell Technologies, and OrbusNeich)

Tuesday, October 31
6:00 PM - 8:00 PM
Hyatt Regency Denver at Colorado Convention Center
Centennial Ballroom F-H
Accreditation: CME

6:00 PM - 6:30 PM	**Check-In and Reception**
6:30 PM - 8:00 PM	**Next Generation DES Technology: Let the Future Begin!** **Co-Chairs:** Martin B. Leon, Gregg W. Stone **Facultys:** Ori Ben-Yehuda, Robert A. Byrne, Roxana Mehran, Francesco Prati, Matthew J. Price, Philip M. Urban, Stephen G. Worthley, Robert W. Yeh
6:30 PM - 7:00 PM	**Session I: The Case for Current Gen DES: Durable Polymers that Work!**

	6:30 PM	**The Xience Odyssey- From EXCEL to SHORT DAPT** Roxana Mehran
	6:35 PM	**The Onyx Program- Enhanced Platform, Moving to Complex Patients** Matthew J. Price
	6:40 PM	**Novel PolyzeneF- Nanocoating COBRA PzF Stent- Designed to REDUCE Bleeding** Robert A. Byrne
	6:45 PM	**The Elastomer Polymer EluNIR DES – An Optimal Balance of Safety and Efficacy** Ori Ben-Yehuda
	6:50 PM	**Discussion**
7:00 PM - 7:25 PM	**Session II: The Case for Bioresorbable Polymer DES**	
	7:00 PM	**The Evolving SYNERGY Program - EVOLVE-Short DAPT Updates** Robert W. Yeh
	7:05 PM	**A "Novel" Metallic DES with Bioresorbable Polymer- The Elixir DynamX Program** Martin B. Leon
	7:10 PM	**Bioresorbable Polymer-based Drug Delivery with Endothelial Progenitor Cells to Accelerate Healing: The COMBO Stent** Roxana Mehran
	7:15 PM	**Discussion**
7:25 PM - 8:00 PM	**Session III: The Case for Polymer-Free DES and BRS Technologies**	
	7:25 PM	**The LEADERS FREE Program: Lessons Learned, Next Steps** Philip M. Urban
	7:30 PM	**Development of a Drug-Filled Stent and the RevElution Study** Stephen G. Worthley
	7:35 PM	**PolymerFree Amphiliumus DES- Designed for Diabetic Patients** Francesco Prati
	7:40 PM	**The BRS Landscape: Where do we Stand? (ABSORB, MAGNITUDE, DESolve, FANTOM, and DREAMS-2G)** Gregg W. Stone
	7:50 PM	**Discussion**

Evening Program: The Approach to the High Bleeding Risk Patient (Sponsored by CRF,Supported by Biosensors, CeloNova Biosciences, Inc., and Medtronic)

Tuesday, October 31
6:00 PM - 8:00 PM
Hyatt Regency Denver at Colorado Convention Center
Centennial Ballroom D-E
Accreditation: CME

6:00 PM - 6:30 PM	**Check-in & Reception**
6:30 PM - 8:00 PM	**The Approach to the High Bleeding Risk Patient** **Chairs:** Roxana Mehran, Philip M. Urban **Facultys:** Usman Baber, Robert A. Byrne, Jaya Chandrasekhar, C. Michael Gibson, Ajay J. Kirtane, Mitchell W. Krucoff, Martin B. Leon, Gregg W. Stone, Harry Suryapranata

	6:30 PM	**Welcome and Introductions** Philip M. Urban
6:32 PM - 6:47 PM		**SESSION 1: SETTING THE STAGE**
	6:32 PM	**Case presentation- A Patient at High Bleeding Risk and CAD- Real Management Dilemmas** Jaya Chandrasekhar
	6:37 PM	**Bleeding Risk Scores: Which One Identifies the Risk Best?** Usman Baber
	6:42 PM	**Balancing the Risk of Bleeding v. Ischemia: The TRADEOFF Score** Philip M. Urban
6:47 PM - 7:26 PM		**SESSION 2: BLEEDING AVOIDANCE STRATEGIES: STENT CHOICES**

	6:47 PM	**Leaders Programs** Mitchell W. Krucoff
	6:52 PM	**Onyx Short DAPT Programs** Gregg W. Stone
	6:57 PM	**Xience Short DAPT Programs** Roxana Mehran
	7:02 PM	**EVOLVE Short DAPT Programs** Ajay J. Kirtane
	7:07 PM	**COBRA REDUCE** Robert A. Byrne
	7:12 PM	**COMBO REDUCE** Harry Suryapranata
	7:17 PM	**Panel Discussion**
7:26 PM - 8:00 PM	**SESSION 3: BLEEDING AVOIDANCE STRATEGIES: DAPT SOLUTIONS**	
	7:26 PM	**Drop ASA** C. Michael Gibson
	7:31 PM	**Reduce Duration** Usman Baber
	7:36 PM	**Switch Therapies** Robert A. Byrne
	7:41 PM	**Use NOACs** C. Michael Gibson
	7:46 PM	**Time to Standardize Definitions - The ARC-HBR** Mitchell W. Krucoff
	7:51 PM	**Panel Discussion**
	8:00 PM	**Adjourn**

Evening Program: The Interventional Toolbox for Complex Higher-Risk (and Indicated) Patients (CHIP) (Sponsored by CRF, Supported by Abbott, Abiomed, Inc., Boston Scientific Corporation, and Cardiovascular Systems, Inc.)

Tuesday, October 31
6:00 PM - 8:00 PM
Hyatt Regency Denver at Colorado Convention Center
Centennial Ballroom A-C

Accreditation: CME

Co-Chairs: Ajay J. Kirtane, William L. Lombardi
Facultys: Emmanouil S. Brilakis, Daniel Burkhoff, Alaide Chieffo, Kefei Dou, Jonathan M. Hill, Fazila T. Malik, Perwaiz M. Meraj, Jeffrey W. Moses, Manish A. Parikh, Gregg W. Stone

6:00 PM - 6:30 PM — **Check in & Dinner**

6:30 PM - 7:02 PM — **Session I: Left Main Disease**

Moderator: Manish A. Parikh
Panelistss: Emmanouil S. Brilakis, Daniel Burkhoff, Kefei Dou, Jonathan M. Hill, William L. Lombardi, Fazila T. Malik, Perwaiz M. Meraj, Jeffrey W. Moses

6:30 PM — **What Do We Need to Make LMCA PCI a More Mainstream Option for Patients?**
Gregg W. Stone

6:41 PM - 7:02 PM — **Calcified LMCA Case Review**

Case Presenter: Alaide Chieffo

- 6:41 PM — **Clinical Presentation/Angiogram**
  Case Presenter: Alaide Chieffo
- 6:44 PM — **Discussion of Strategies**
- 6:49 PM — **Discussion of What Was Done**
- 6:54 PM — **Summary With Q&A**

7:02 PM - 7:32 PM — **Session II: Revascularization in Cardiogenic Shock**

Moderator: Jonathan M. Hill
Panelistss: Emmanouil S. Brilakis, Alaide Chieffo, Kefei Dou, Ajay J. Kirtane, William L. Lombardi, Fazila T. Malik, Jeffrey W. Moses, Manish A. Parikh

7:02 PM **The Future of Cardiogenic Shock Therapy**
Daniel Burkhoff

7:13 PM - 7:32 PM **Cardiogenic Shock Case Review**

Case Presenter: Perwaiz M. Meraj

7:13 PM **Clinical Presentation/Angiogram**
Case Presenter: Perwaiz M. Meraj

7:16 PM **Discussion of Strategies**

7:21 PM **Discussion of What Was Done**

7:26 PM **Summary With Q&A**

7:32 PM - 8:00 PM **Session III: Complex Multivessel PCI Turned Down for Surgery**

Moderator: William L. Lombardi
Panelistss: Emmanouil S. Brilakis, Daniel Burkhoff, Alaide Chieffo, Kefei Dou, Jonathan M. Hill, Fazila T. Malik, Perwaiz M. Meraj, Jeffrey W. Moses, Manish A. Parikh

7:32 PM **The CHIP Toolbox: What Do I Really Need?**
Jeffrey W. Moses

7:40 PM - 8:00 PM **Multivessel PCI Case**

Case Presenter: Ajay J. Kirtane

7:40 PM **Clinical Presentation/Angiogram**
Case Presenter: Ajay J. Kirtane

7:43 PM **Discussion of Strategies**

7:48 PM **Discussion of What Was Done**

7:53 PM **Summary With Q&A**

8:00 PM - 8:00 PM **Adjourn**

Structural Theater II, Tuesday, Oct. 31

Tuesday, October 31
8:00 AM - 12:00 PM
Colorado Convention Center
Structural Theater, Exhibit Hall Level
Accreditation: CME/CNE/MOC/ASRT

8:00 AM - 10:00 AM

Session I. Live Cases: TAVR/SHD

Live Case Moderator: James B. Hermiller Jr.
Live Case Co-Moderator: Karl-Heinz Kuck
Live Case Discussants: Nirat Beohar, Helene Eltchaninoff, Chad Kliger, Roger J. Laham, Ganesh Manoharan, David W.M. Muller, Curtiss T. Stinis, Wilson Y. Szeto, David X. Zhao
Factoid Facultys: Ramin S. Hastings, Song-Yi Kim, Birgit Vogel, Philipp Wiesner

8:00 AM	**University of Leipzig - Heart Center, Leipzig, Germany** **Live Case Operators:** Philipp Kiefer, Axel Linke
9:00 AM	**Heart Institute, Cedars Sinai Medical Center, Los Angeles, CA** **Live Case Operators:** Tarun Chakravarty, Wen Cheng, Saibal Kar, Moody M Makar, Raj Makkar, Mamoo Nakamura

10:00 AM - 12:00 PM

Session II. Live Cases: TAVR/SHD

Live Case Moderator: Brian K. Whisenant
Live Case Co-Moderator: Jean-Claude Laborde
Live Case Discussants: Stephan Baldus, Stephen J.D. Brecker, Elchanan Bruckheimer, Haim Danenberg, Hans R. Figulla, Isaac George, Victor Guetta, Talib Majwal, Olaf Wendler
Factoid Facultys: Ramin S. Hastings, Jessica A. Hennessy, MD, Birgit Vogel, Philipp Wiesner

10:00 AM	**UCHealth, University of Colorado Hospital, Aurora, Colorado** **Live Case Operators:** John D. Carroll, Pei-Ni Jone, John C. Messenger, Gareth J Morgan
11:00 AM	**University of Leipzig - Heart Center, Leipzig, Germany** **Live Case Operators:** Philipp Kiefer, Axel Linke

Wednesday, November 1, 2017

Breakfast Program: Crossing Challenging Anatomy: Device Selection to Efficiently Complete Complex Procedures (Sponsored by Asahi Intecc USA, Inc.)

Wednesday, November 1
6:30 AM - 8:00 AM
Colorado Convention Center
Room 607, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**Crossing Challenging Anatomy: Device Selection to Efficiently Complete Complex Procedures** **Chair:** William L. Lombardi **Facultys:** George L Adams, Sahil A. Parikh, Robert W. Yeh

7:00 AM	**Welcome and Introduction** William L. Lombardi
7:05 AM	**Case Presentation (Coronary)** Robert W. Yeh
7:15 AM	**Case Presentation (Peripheral)** George L Adams
7:25 AM	**Panel Compare Similarities/Differences**
7:35 AM	**Case Presentation (Coronary)** William L. Lombardi
7:45 AM	**Case Presentation (Peripheral)** Sahil A. Parikh
7:55 AM	**Panel Compare Similarities/Differences**

Breakfast Program: IN.PACT Admiral DCB - Why Dose Matters in Extending Treatment Results in Simple to Complex Lesions (Sponsored by Medtronic)

Wednesday, November 1
6:30 AM - 8:00 AM
Colorado Convention Center
Room 605, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**IN.PACT Admiral DCB: Why Dose Matters in Extending Treatment Results in Simple to Complex Lesions** **Facultys:** Juan F. Granada, Ravish Sachar, Mehdi H. Shishehbor

7:00 AM	**Welcome & Introduction** Mehdi H. Shishehbor
7:05 AM	**Long Term Outcomes With IN.PACT Admiral DCB** Ravish Sachar
7:20 AM	**When DCB Is Not Enough: Role of Vessel Preparation** Mehdi H. Shishehbor
7:35 AM	**The Science Behind the Outcomes: Why Dose Matters** Juan F. Granada
7:50 AM	**Closing Remarks** Mehdi H. Shishehbor
8:00 AM	**Adjourn**

Breakfast Program: Interventional Therapies for Hypertension - Current Evidence and Controversies(Sponsored by CRF, Supported by Boston Scientific Corporation and Medtronic)

Wednesday, November 1
6:30 AM - 8:00 AM
Colorado Convention Center
Room 502, Meeting Room Level
Accreditation: CME

6:30 AM - 7:00 AM	**Check in & Breakfast**
7:00 AM - 8:00 AM	**Interventional Therapies for Hypertension: Current Evidence and Controversies** **Co-Chairs:** Ajay J. Kirtane, Martin B. Leon **Facultys:** Justin E. Davies, Juan F. Granada, Felix Mahfoud, Michael A. Weber

7:00 AM	**Welcome and Introductions** Martin B. Leon
7:02 AM	**Preclinical Insights and Advances in the Understanding of Interventional Hypertension Therapies** Juan F. Granada
7:14 AM	**Moderated Discussion**
7:19 AM	**In Case You Missed It: What's Happened (So Very) Recently in Renal Denervation** Felix Mahfoud
7:33 AM	**Discussion**
7:38 AM	**On Meds or Off Meds: My Crystal Ball for Device-Based Hypertension Therapies** Michael A. Weber
7:50 AM	**Interventional Therapies for CHF: Future Reality or Pipe Dream?** Justin E. Davies
8:00 AM	**Adjourn**

Breakfast Program: PCI Complications: The Best of the Worst (Sponsored by the CRF, Supported by Medtronic)

Wednesday, November 1
6:30 AM - 8:00 AM
Cardiovascular Research Foundation
Room 503, Meeting Room Level
Accreditation: CME

6:30 AM - 7:00 AM	**Check in & Breakfast**
7:00 AM - 8:00 AM	**PCI Complications: The Best of the Worst** **Chairs:** Manish A. Parikh, Jasvindar Singh **Facultys:** Nirat Beohar, David A. Cox, Dimitri Karmpaliotis, Steven J. Yakubov

7:00 AM	**The Coronary Perforation Nightmare** Dimitri Karmpaliotis
7:10 AM	**Discussion**
7:15 AM	**The Coronary that “Spiraled Out of Control”** Steven J. Yakubov
7:25 AM	**Discussion**
7:30 AM	**The "Slam Dunk" STEMI – No Reflow and Beyond** David A. Cox
7:40 AM	**Discussion**
7:45 AM	**My Worst Vascular Complication of the Year** Nirat Beohar
7:55 AM	**Discussion**
8:00 AM	**Adjourn**

Breakfast Program: PCI in Complex Patients: A Look at Now and in the Future (Sponsored by Abbott)

Wednesday, November 1
6:30 AM - 8:00 AM
Colorado Convention Center
Room 603, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**PCI in Complex Patients: A Look at Now and in the Future** **Chair:** Ashok Seth **Facultys:** Adrian P. Banning, James B. Hermiller Jr., Dimitri Karmpaliotis

7:00 AM	**Opening**
7:05 AM	**Optimize Stenting in Bifurcated Lesions** James B. Hermiller Jr.
7:20 AM	**What Have We Learned About Stenting in Left Main** Adrian P. Banning
7:35 AM	**Evolution of CTO PCI: From Struggling for Acute Procedural Success, to Focusing on Long-Term Durability and Safety of the Procedure** Dimitri Karmpaliotis
7:50 AM	**Discussion and Final Remarks**
8:00 AM	**Adjourn**

Breakfast Program: Progress in Cerebral Embolic Protection (Sponsored by Keystone Heart Ltd.)

Wednesday, November 1
6:30 AM - 8:00 AM
Colorado Convention Center
Room 501, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**Progress in Cerebral Embolic Protection** **Chair:** Tamim Nazif **Facultys:** Samir R. Kapadia, Alexandra J. Lansky, Raj Makkar, Jeffrey W. Moses, Pieter R. Stella

7:00 AM	**A Critical Review of the Neurological Effects of Invasive Cardiac Procedures: Do We Need to Do Better?** Pieter R. Stella
7:08 AM	**The Search for Meaningful Measures of Clinical Efficacy: Neuro ARC and Beyond** Alexandra J. Lansky
7:16 AM	**Practical Considerations and Design Requirements for Clinically Relevant CEP: The Keystone TriGuard 3 Device** Tamim Nazif
7:24 AM	**Building the Evidence for CEP in TAVR: Critical Review of the Clinical Trial Data and REFLECT Update** Jeffrey W. Moses
7:32 AM	**TAVR With CEP Case Presentation**
7:35 AM - 8:00 AM	**Flash Debate and Moderated Discussion**

7:35 AM	**CEP Should Be Used Judiciously in Selected TAVR Patients Only** Raj Makkar
7:40 AM	**CEP Is Necessary and Indicated for All TAVR Procedures** Samir R. Kapadia
7:45 AM	**Discussion**
8:00 AM	**Adjourn**

Breakfast Program: Restorative Heart Valves: Tomorrow's World (Sponsored by Xeltis)

Wednesday, November 1
6:30 AM - 8:00 AM
Colorado Convention Center
Room 601, Meeting Room Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-in & Breakfast**
7:00 AM - 8:00 AM	**Restorative Heart Valves: Tomorrow's World** **Co-Chairs:** Gregory P. Fontana, Neil E. Moat **Facultys:** Martijn Cox, Martin B. Leon, Christian M. Spaulding, Renu Virmani

7:00 AM	**Session Introduction: Current Trends and Limitations of Tissue Valves** Gregory P. Fontana
7:10 AM	**Endogenous Tissue Restoration: Introduction and Key Clinical Benefits** Martijn Cox
7:25 AM	**Histopathology of ETR: Preclinical Pulmonary Valve Explants** Renu Virmani
7:40 AM	**Preclinical TAVI Results: 12-month Aortic Valve Data** Christian M. Spaulding
7:55 AM	**Wrap-up & Future Perspectives** Martin B. Leon
8:00 AM	**Adjourn**

Breakfast Program: The Next Revolution: Transcatheter Mitral and Tricuspid Therapies Are Coming!(Sponsored by CRF, Supported by Edwards Lifesciences)

Wednesday, November 1
6:30 AM - 8:00 AM
Colorado Convention Center
Room 505, Meeting Room Level
Accreditation: CME

6:30 AM - 7:00 AM	**Check in & Breakfast**
7:00 AM - 8:00 AM	**The Next Revolution: Transcatheter Mitral and Tricuspid Therapies Are Coming!** **Chairs:** Michael J. Mack, Mark Reisman **Facultys:** James S. Gammie, Jeffrey J. Popma, Vinod H. Thourani, John G. Webb

7:00 AM	**How to Develop a Successful Mitral/Tricuspid Heart Team and Valve Clinic: Anecdotes, Tips, and Case Studies** Mark Reisman
7:10 AM	**Focused Discussion**
7:12 AM	**Transcatheter TR Therapy: Lessons From the Operating Room** James S. Gammie
7:22 AM	**Focused Discussion**
7:24 AM	**Differences Between TMVR and TAVR: Imaging, Patients, and Clinical Trial Strategies** Jeffrey J. Popma
7:34 AM	**Focused Discussion**
7:36 AM	**The Components of a "Toolbox" Approach to Transcatheter Mitral Valve Therapies** Vinod H. Thourani
7:46 AM	**Focused Discussion**
7:48 AM	**Innovative Transcatheter Therapies for Managing Patients With Severe TR** John G. Webb
7:58 AM	**Focused Discussion**
8:00 AM	**Adjourn**

Breakfast Program: Understanding the Crowded Landscape of Percutaneous Mitral Interventions (Sponsored by CRF, Supported by Abbott)

Wednesday, November 1
6:30 AM - 8:00 AM
Colorado Convention Center
Room 504, Meeting Room Level
Accreditation: CME

6:30 AM - 7:00 AM	**Check-in and Breakfast**
7:00 AM - 8:00 AM	**Understanding the Crowded Landscape of Percutaneous Mitral Interventions** **Chair:** Ted Feldman **Facultys:** William T. Abraham, Paul Sorajja

	7:00 AM	**Welcome** Ted Feldman
	7:05 AM	**Status of MitraClip Therapy in US Practice- TVT Registry and Real-World Practice Outcomes** Paul Sorajja
	7:20 AM	**My Predictions for COAPT, Mitra-France & Reshape: Where Will We Land With Transcatheter Repair For FMR?** William T. Abraham
	7:35 AM	**What Will Be the Respective Role of Repair vs. Replacement?** Ted Feldman
	7:50 AM	**Roundtable Discussion with Audience Q&A**
	8:00 AM	**Adjourn**

Breakfast Program: Role of Government Systems (Veterans Administration) in the Current Healthcare Environment

Wednesday, November 1
7:00 AM - 8:00 AM
Colorado Convention Center
Room 506/507, Meeting Room Level
Accreditation: CME

7:00 AM - 7:30 AM	**Point/Counterpoint I. Structural Interventions** **Moderators:** Mladen I. Vidovich, Stephen W Waldo **Discussants:** Ehrin J. Armstrong, Subhash Banerjee, John D. Carroll, James M. McCabe, Kendrick A Shunk	
	7:00 AM	**Point: Should TAVR Be Performed Within the VA Healthcare System? PRO!** Subhash Banerjee
	7:10 AM	**Counterpoint: Should TAVR Be Performed Within the VA Healthcare System? CON!** John D. Carroll
	7:20 AM	**Roundtable Discussion With Audience Q&A**
7:30 AM - 8:00 AM	**Point/Counterpoint II. Coronary Interventions** **Moderators:** Mladen I. Vidovich, Stephen W Waldo **Discussants:** Ehrin J. Armstrong, Subhash Banerjee, Kendrick A Shunk	

	7:30 AM	**Point: Should High-Risk Coronary Intervention Be Performed Within the VA Healthcare System? PRO!** Ehrin J. Armstrong
	7:40 AM	**Counterpoint: Should High-Risk Coronary Intervention Be Performed Within the VA Healthcare System? CON!** James M. McCabe
	7:50 AM	**Roundtable Discussion With Audience Q&A**

Main Arena III, Wednesday, Nov. 1

Wednesday, November 1
8:00 AM - 1:03 PM
Colorado Convention Center
Main Arena, Bellco Theater, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

8:00 AM - 9:00 AM		**Live Cases #5** **Live Case Moderator:** Gregg W. Stone **Live Case Co-Moderator:** Christopher J. White **Live Case Discussants:** Ori Ben-Yehuda, Brian G. DeRubertis, Tim A. Fischell, Irene M. Lang, Hugo F. Londero, Robert A. Lookstein, Ehtisham Mahmud, D. Christopher Metzger, Christoph A. Nienaber, Michael J. Reardon, Alex M. K. Rothman **Factoid Facultys:** Serdar Farhan, Keyvan Karimi Galougahi, Jonathan Rubin, Elias Sanidas, Evan Shlofmitz, Sabato Sorrentino
	8:00 AM	**Nanjing First Hospital, Nanjing Medical University, Nanjing, Jiangsu Province, China** **Live Case Operators:** Shao-Liang Chen, Shou-Jie Shan, Du-Jiang Xie, Fei Ye, Juan Zhang, Junjie Zhang
	8:30 AM	**Miami Cardiac & Vascular Institute, Miami, Florida** **Live Case Operators:** James F. Benenati, Ripal T Gandhi, Barry T. Katzen, Constantino S. Pena, Brian J. Schiro, Libby Watch
9:00 AM - 9:45 AM		**Main Arena Session #3: Data Transparency in Clinical Research: Exploring the Issues** **Moderators:** Robert A. Harrington, Richard E. Kuntz **Discussants:** Ori Ben-Yehuda, Robert O. Bonow, Anthony N. DeMaria, C. Michael Gibson, A. Michael Lincoff, Eric D. Peterson, Patrick W. Serruys, Chuck Simonton, Stuart Spencer, William C. Wijns

	9:00 AM	**Featured Lecture: The Societal and Academic Imperative for Complete Data Sharing at all Levels** Eric D. Peterson
	9:15 AM	**Featured Lecture: The Nuances and Consequences of Data Sharing Mandate a Measured Strategy of Collaboration** C. Michael Gibson
	9:30 AM	**Animated Discussion**

9:45 AM - 10:00 AM

TCT 2017 Linnemeier Young Investigator Award

Award Presenters: Martin B. Leon, Gregg W. Stone
Discussants: Eliano Pio Navarese, Henrique B. Ribeiro, Maurizio Taramasso

10:00 AM - 11:00 AM

Live Cases #6

Live Case Moderator: Martin B. Leon
Live Case Co-Moderator: Dean J. Kereiakes
Live Case Discussants: Davide Capodanno, Megan Coylewright, David Hildick-Smith, Ran Kornowski, Maciej Lesiak, Neil E. Moat, Philippe Pibarot, Josep Rodés-Cabau, Patrick W. Serruys, Ron Waksman
Factoid Facultys: Serdar Farhan, Keyvan Karimi Galougahi, Jonathan Rubin, Elias Sanidas, Evan Shlofmitz, Sabato Sorrentino

	10:00 AM	**Instituto Dante Pazzanese de Cardiologia, São Paulo, Brazil** **Live Case Operators:** Alexandre Abizaid, Magaly Arrais dos Santos, Rodrigo Bellio de Mattos Barretto, Antonio M Kambara, David Le Bihan, Dimytri Alexandre Siqueira
	10:30 AM	**Henry Ford Hospital, Detroit, Michigan** **Live Case Operators:** Khaldoon Alaswad, Marvin Eng, Adam B. Greenbaum, William W. O'Neill, Dee Dee Wang

11:00 AM - 12:00 PM

Late-Breaking Clinical Trial 3: Co-sponsored by the Journal of the American Medical Association

Moderators: Robert A. Harrington, Gregg W. Stone
Co-Moderators: Robert O. Bonow, Eric D. Peterson
Discussants: Eric R. Bates, Deepak L. Bhatt, Davide Capodanno, Dmitriy N. Feldman, Hyeon-Cheol Gwon, Neal S. Kleiman, Martin B. Leon, Roxana Mehran, Chuck Simonton

	11:00 AM	**SENIOR: A Randomized Trial of a Bioabsorbable Polymer-Based Metallic DES vs a BMS With Short DAPT in Patients With Coronary Artery Disease Older Than 75 Years** Olivier Varenne
	11:12 AM	**Roundtable Discussion**
	11:20 AM	**DAPT STEMI: A Randomized Trial of 6-Month vs 12-Month DAPT After DES Implantation in STEMI** Elvin Kedhi
	11:32 AM	**Roundtable Discussion**
	11:40 AM	**REDUCE: A Randomized Trial of 3-Month vs 12-Month DAPT After Implantation of a Bioabsorbable Polymer-Based Metallic DES With a Luminal CD34+ Antibody Coating in Patients With ACS** Harry Suryapranata
	11:52 AM	**Roundtable Discussion**
12:00 PM - 1:03 PM	**First Report Investigations 3** **Moderator:** Francesco Maisano **Co-Moderator:** Michael J. Mack **Discussants:** David H. Adams, Vinayak Bapat, Khalil Fattouch, Hüseyin Ince, Saibal Kar, Neil E. Moat, Helge Möllmann, Jason H. Rogers, Alec S. Vahanian	
	12:00 PM	**MITRAL: 30-Day Outcomes of Transcatheter MV Replacement in Patients With Severe Mitral Valve Disease Secondary to Mitral Annular Calcification or Failed Annuloplasty Rings** Mayra Guerrero
	12:10 PM	**Roundtable Discussion**
	12:15 PM	**INTREPID: 30-Day Outcomes of Transcatheter MV Replacement in Patients With Severe Mitral Regurgitation** Paul Sorajja
	12:23 PM	**Roundtable Discussion**
	12:27 PM	**TENDYNE: 1-Year Outcomes of Transcatheter MV Replacement in Patients With Severe Mitral Regurgitation** David W.M. Muller
	12:35 PM	**Roundtable Discussion**
	12:39 PM	**TRACER: 6-Month Outcomes of Transcatheter MV Neochordal Repair in Patients With Severe Primary Mitral Regurgitation** James S. Gammie
	12:47 PM	**Roundtable Discussion**
	12:51 PM	**MAVERIC: 6-Month Outcomes of Transcatheter MV Repair in Patients With Severe Secondary Mitral Regurgitation** Stephen G. Worthley
	12:59 PM	**Roundtable Discussion**

Coronary Theater III, Wednesday, Nov. 1

Wednesday, November 1
8:00 AM - 12:00 PM
Colorado Convention Center
Coronary Theater, Theater Wing, Exhibit Level
Accreditation: CME/CNE/MOC/ASRT

8:00 AM - 10:00 AM

Session I. Live Cases: BRS

Live Case Moderator: Ashok Seth
Live Case Co-Moderator: Christophe Dubois
Live Case Discussants: Arif Al Nooryani, Robert J. Applegate, Yasushi Asakura, Bernard R. Chevalier, Joseph DeGregorio, Massoud A. Leesar, Holger M. Nef, David G. Rizik, Nick E. J. West
Factoid Facultys: Christine J. Chung, Bimmer E. Claessen, Akiko Fujino, Emad Hakemi

8:00 AM	**Instituto Dante Pazzanese de Cardiologia, São Paulo, Brazil** **Live Case Operators:** Alexandre Abizaid, Jose de Ribamar Costa Jr
9:00 AM	**Städtische Kliniken Neuss, Lukaskrankenhaus GmbH, Neuss, Germany** **Live Case Operators:** Hubertus Degen, Michael Haude, Gregor Nothofer, Martin Saal

10:00 AM - 12:00 PM

Session II. Live Cases: Left Main and Bifurcations

Live Case Moderator: Ajay J. Kirtane
Live Case Co-Moderator: Robert-Jan van Geuns
Live Case Discussants: Daniel H. Berrocal, Andrejs Erglis, Robert J. Gil, Ioannis Iakovou, Tak W. Kwan, Andrzej J. Ochala, Jamil Abdalla Saad, Samin K. Sharma, Bernhard Witzenbichler
Factoid Facultys: Christine J. Chung, Bimmer E. Claessen, Akiko Fujino, Emad Hakemi

10:00 AM	**Nanjing First Hospital, Nanjing Medical University, Nanjing, Jiangsu Province, China** **Live Case Operators:** Shao-Liang Chen, Shou-Jie Shan, Fei Ye, Juan Zhang, Junjie Zhang
11:00 AM	**Städtische Kliniken Neuss, Lukaskrankenhaus GmbH, Neuss, Germany** **Live Case Operators:** Hubertus Degen, Michael Haude, Gregor Nothofer, Martin Saal

Didactic Session: Atrial Fibrillation Management in Patients With ACS and PCI - Decisions and Dilemmas

Wednesday, November 1
2:00 PM - 6:00 PM
Colorado Convention Center
Mile High Ballroom 1C-1D, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:31 PM

Session I. Management of the Patient With Atrial Fibrillation and ACS or PCI

Moderators: Robert A. Harrington, Kurt Huber
Discussants: Didier Carrié, Christopher B. Granger, Renato D. Lopes, Roxana Mehran, Michelle O'Donoghue, Jean-François Tanguay, Freek W.A. Verheugt

2:00 PM	**The Big Picture: Incremental Bleeding Risks in Patients Requiring Chronic Oral Anticoagulants Plus Antiplatelet Therapy** Renato D. Lopes
2:10 PM	**What Is (and Is Not) Known About DAPT Decisions in Patients on Chronic Oral Anticoagulants** Freek W.A. Verheugt
2:20 PM	**Guidelines and Expert Consensus on Anticoagulation in the Atrial Fibrillation Patient With ACS or PCI: How Strong Is the Evidence?** Jean-François Tanguay
2:30 PM	**Should the Type of Stent Influence DAPT Decisions in Patients Receiving OAC? Insights From WOEST, LEADERS Free, and More** Didier Carrié
2:38 PM	**Dosing Considerations of Oral Anticoagulant Therapy in the ACS and PCI Patient: Optimizing Efficacy While Minimizing Bleeding** Michelle O'Donoghue
2:46 PM	**When and Which Antiplatelet Agent Should Be Dropped When Using Oral Anticoagulant Therapy?** Roxana Mehran
2:56 PM	**Acute Anticoagulation Management and Bleeding Avoidance Strategies in the Chronic Atrial Fibrillation Patient Who Requires PCI** Christopher B. Granger
3:06 PM	**When Bleeding Occurs on Warfarin or NOAC: Reversal Strategies** Michael D. Ezekowitz
3:16 PM	**Roundtable Discussion With Audience Q&A**

3:31 PM - 4:23 PM

Session II. Recent and Ongoing Dual vs Triple Antithrombotic Trials in Atrial Fibrillation

Moderators: Deepak L. Bhatt, C. Michael Gibson
Discussants: Kevin J. Croce, Connie N. Hess, Renato D. Lopes, Asif Qasim, Dirk Sibbing, Pascal Vranckx

	3:31 PM	**The PIONEER Trial: Rivaroxaban in Patients With ACS and Atrial Fibrillation - Are the Results Enough to Change Practice?** C. Michael Gibson
	3:41 PM	**The RE-DUAL PCI Trial: Dabigatran in Patients With ACS and Atrial Fibrillation - How to Incorporate the Results in Clinical Practice** Deepak L. Bhatt
	3:53 PM	**The AUGUSTUS Trial: Apixaban in Patients With Atrial Fibrillation and ACS/PCI - Design, Rationale, and Status** Renato D. Lopes
	4:01 PM	**The ENTRUST AF-PCI Trial: Edoxaban in Patients With Atrial Fibrillation and PCI - Design, Rationale, and Status** Pascal Vranckx
	4:09 PM	**Roundtable Discussion With Audience Q&A**

4:23 PM - 5:28 PM

Session III. Left Atrial Appendage Closure and Ablation As an Alternative to Triple Therapy

Moderator: Samir R. Kapadia
Discussants: Martin W. Bergmann, Maurice Buchbinder, Ioanna Kosmidou, David J. Moliterno, Ashish Pershad

	4:23 PM	**Rationale and Potential Role for LAA Closure in the PCI and ACS Patient** Ashish Pershad
	4:33 PM	**Is LAA Closure an Alternative to Triple Therapy for All Patients or Just Those at High Bleeding Risk? Current Dataset** Brian K. Whisenant
	4:45 PM	**Selecting the Right LAA Closure Device Based on Patient Characteristics and LAA Anatomy: Occluder, Ligation, or Clipping** Martin W. Bergmann
	4:55 PM	**Should the New Oral Anticoagulants (vs Warfarin) Change the Equation of Triple Therapy vs LAA Closure?** David J. Moliterno
	5:03 PM	**Is Ablation an Alternative to Triple Therapy in Patients With Atrial Fibrillation and PCI or ACS?** Ioanna Kosmidou
	5:13 PM	**Roundtable Discussion With Audience Q&A**

5:28 PM - 6:00 PM

Session IV. Case Presentations

Moderators: Renato D. Lopes, David J. Moliterno
Discussants: Bill French, Schuyler Jones, Saibal Kar, Kimberly A. Skelding, Molly Szerlip, Kevin L Thomas

5:28 PM	**Case #1 Introduction: High Bleeding-Risk Patient With Chronic Atrial Fibrillation Undergoing Non-Complex PCI for Stable CAD** **Case Presenter:** Amit N Vora
5:31 PM	**Case Discussion: What Is the Best Post-PCI Regimen? Should the LAA Be Closed?**
5:40 PM	**Case #1 Resolution: How We Treated a High Bleeding-Risk Patient With Chronic Atrial Fibrillation Undergoing Non-Complex PCI for Stable CAD** **Case Presenter:** Amit N Vora
5:44 PM	**Case #2 Introduction: High Bleeding-Risk Patient With Chronic Atrial Fibrillation Undergoing Complex Multi-stent PCI or Any PCI for ACS** **Case Presenter:** Sheila Sahni
5:47 PM	**Case Discussion: What Is the Best Post-PCI Regimen? Should the LAA Be Closed?**
5:56 PM	**Case #2 Resolution: How We Treated a High Bleeding-Risk Patient With Chronic Atrial Fibrillation Undergoing Complex Multi-stent PCI or Any PCI for ACS** **Case Presenter:** Sheila Sahni

Didactic Session: Bioresorbable Vascular Scaffolds, Part 2 - Case Selection and Technique

Wednesday, November 1
2:00 PM - 6:00 PM
Colorado Convention Center
Mile High Ballroom 4E-4F, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:23 PM	**Session I. BRS Implantation From Easy to Complex: Part 1** **Moderators:** Nick E. J. West, Joanna J. Wykrzykowska **Discussants:** Salvatore Brugaletta, Joseph DeGregorio, Dariusz Dudek, Juan F. Granada, Jose L. Leiva-Pons, Manish A. Parikh

	2:00 PM	**BRS Benchtop Findings: Implications for Implantation Technique** Yoshinobu Onuma
	2:08 PM	**Insights into Asymmetric Scaffold Bioreabsorption and Failure Mechanism** Elazer R. Edelman
	2:15 PM	**Featured Lecture: Discerning the Causes of BRS Failure - Insights From a Consensus Meeting and Literature Review** Juan F. Granada
	2:25 PM	**Importance of Implantation Technique and Evidence for "PSP " From Real-world and Registry Data** Salvatore Brugaletta
	2:35 PM	**Impact of PSP in ACS: BVS STEMI First and BVS EXPAND** Robert-Jan van Geuns
	2:43 PM	**An "Easy" Case: Focus on Technique to Optimize Results** **Case Presenter:** Joseph DeGregorio
	2:50 PM	**Predictors of Failure (and Solutions) to Deliver and Expand BRS (With Case Examples)** Johan Robert Bennett
	3:00 PM	**Importance of Imaging for BRS Implantation and Optimization: Rationale and Case Demonstrations** Niels R. Holm
	3:10 PM	**Roundtable Discussion With Audience Q&A**
3:23 PM - 4:16 PM	**Session II. BRS Implantation From Easy to Complex: Part 2 - Lesion-Specific Techniques** **Moderators:** Manel Sabate, Ashok Seth **Discussants:** Arif Al Nooryani, Francesco Bedogni, Maurizio Menichelli, Yoshinobu Onuma, Manuel Pan, David G. Rizik	
	3:23 PM	**Case Presentations: BRS in Bifurcations** **Case Presenter:** Manuel Pan
	3:31 PM	**Case Presentations: BRS in Calcified Lesions** **Case Presenter:** Arif Al Nooryani
	3:39 PM	**Case Presentations: BRS in STEMI** **Case Presenter:** Maurizio Menichelli
	3:47 PM	**Case Presentations: BRS in Long Lesions and Diffuse Disease** **Case Presenter:** Francesco Bedogni
	3:55 PM	**Implications of Absolute Vessel Size and Scaffold-Vessel Size Mismatch** Patrick W. Serruys
	4:03 PM	**Roundtable Discussion With Audience Q&A**

4:16 PM - 5:11 PM	**Session III. Implications of Case Selection and Technique on Early and Late Complications (<1 Year)** **Moderators:** Francesco Bedogni, Stephen G. Ellis **Discussants:** Graham A. Cassel, Daniel Chamie, Aloke V. Finn, Maciej Lesiak, Julinda Mehilli	
	4:16 PM	**Experimental Insights to BRS Failure: Similarities and Differences to Metallic DES** Aloke V. Finn
	4:24 PM	**Mechanisms of BRS Failure Within 1 Year: Insights From Cohort Studies and Randomized Trials** Stephen G. Ellis
	4:34 PM	**Case Presentations: BRS Embolization and Geographic Miss** **Case Presenter:** Daniel Chamie
	4:42 PM	**Case Presentations: BRS Underexpansion**
	4:50 PM	**Case Presentations: BRS Thrombosis Within 1 Year** **Case Presenter:** Julinda Mehilli
	4:58 PM	**Roundtable Discussion With Audience Q&A**
5:11 PM - 6:00 PM	**Session IV. Implications of Case Selection and Technique on Very Late Complications (>1 Year)** **Moderators:** Corrado Tamburino, Robert-Jan van Geuns **Discussants:** Davide Capodanno, Juan F. Granada, Yoshinobu Onuma, Ashok Seth, Joanna J. Wykrzykowska	
	5:11 PM	**Understanding BRS Bioresorption: Implications for Very Late Failure** Richard J. Rapoza
	5:19 PM	**Mechanisms and Predictors of BRS Restenosis (With Case Demonstrations)** Daniel Chamie
	5:29 PM	**Mechanisms and Predictors of BRS Thrombosis After 1 Year (With Case Demonstrations)** Joanna J. Wykrzykowska
	5:39 PM	**Implications of Acute BRS Malapposition (With Case Presentations)** Yoshinobu Onuma
	5:49 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Interventional Heart Failure Therapies, Part 2

Wednesday, November 1
2:00 PM - 6:00 PM
Colorado Convention Center
Mile High Ballroom 4C-4D, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:23 PM

Session I. Implanted and Noninvasive Sensors for Monitoring

Moderators: Daniel Burkhoff, Javed Butler
Discussants: Neal L. Eigler, JoAnn Lindenfeld, Petr Neuzil, James E. Udelson, Nir Uriel

2:00 PM	**Featured Lecture: Home Pressure Monitoring - Evidence, Uptake, and Reimbursement Challenges** Nihar Desai
2:15 PM	**Roundtable Discussion With Audience Q&A**
2:23 PM	**Implantable Sensors I: Cardiomems** William T. Abraham
2:31 PM	**Roundtable Discussion With Audience Q&A**
2:36 PM	**Implantable Sensors II: Endotronix** Katrin Leadley
2:44 PM	**Roundtable Discussion With Audience Q&A**
2:49 PM	**Implantable Sensors III: Integrated Sensing Systems (ISS)** Susan M Joseph
2:57 PM	**Roundtable Discussion With Audience Q&A**
3:02 PM	**Noninvasive Monitoring With Sensible Medical to Prevent Heart Failure Rehospitalizations** Daniel R. Bensimhon
3:10 PM	**Roundtable Discussion With Audience Q&A**

3:23 PM - 6:00 PM

Session II. Mechanical Circulatory Support

Moderators: Ulrich P. Jorde, Ileana L. Pina
Discussants: Mark B. Anderson, Michael Mooney, Marvin J. Slepian, Hiroo Takayama, Hadley Wilson

3:23 PM	**State-of-the-Art: Matching Patient and Pump in the New Era of Percutaneous Mechanical Circulatory Support** Navin K. Kapur
3:38 PM	**Roundtable Discussion With Audience Q&A**
3:43 PM	**State-of-the-Art: Latest Innovations in Durable LVADs** Nir Uriel
3:58 PM	**Roundtable Discussion With Audience Q&A**
4:03 PM	**State-of-the-Art: Acute and Chronic Cardiopulmonary Support** Hiroo Takayama
4:18 PM	**Roundtable Discussion With Audience Q&A**
4:23 PM	**ECMO for Cardiogenic Shock Who, When, Where** Jiri Maly
4:35 PM	**Roundtable Discussion With Audience Q&A**
4:40 PM	**The Impella Family of Devices: Different Tools for Different Conditions** Perwaiz M. Meraj
4:48 PM	**Roundtable Discussion With Audience Q&A**
4:53 PM	**Progress With a Percutaneous Heart Pump** Ulrich P. Jorde
5:01 PM	**Roundtable Discussion With Audience Q&A**
5:06 PM	**TandemLife: Breathing New Life Into an Established Therapy** Nirat Beohar
5:14 PM	**Roundtable Discussion With Audience Q&A**
5:19 PM	**NuPulse: Implantable Counterpulsation for Advanced CHF** Valluvan Jeevanandam
5:27 PM	**Roundtable Discussion With Audience Q&A**
5:32 PM	**Closing Thoughts: What Are the Unmet Needs in Acute and Chronic Heart Failure, and How Will We Close the Gap?** Javed Butler
5:47 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Journal Club With the Trialists and Critics - Top Late-Breaking Trials of the Last Year

Wednesday, November 1
2:00 PM - 6:00 PM
Colorado Convention Center
Mile High Ballroom 1E-1F, Ballroom Level

Accreditation: CME/MOC/CNE

2:00 PM - 3:00 PM

Session I. Top Late-Breaking Coronary Trials

Moderators: David J. Cohen, Ajay J. Kirtane
Discussants: Fernando Alfonso, Adrian P. Banning, Sorin J. Brener, Emmanouil S. Brilakis, Morton J. Kern, Vincent J. Pompili

2:00 PM	**DEFINE FLAIR/SWEDEHEART: Topline Findings and Practice Implications** Thomas Engstroem
2:07 PM	**DEFINE FLAIR/SWEDEHEART: Critique and Unanswered Questions** Habib Samady
2:12 PM	**Roundtable Discussion With Audience Q&A**
2:20 PM	**AIDA: Topline Findings and Practice Implications** Jose P.S. Henriques
2:27 PM	**AIDA: Critique and Unanswered Questions** Debabrata Mukherjee
2:32 PM	**Roundtable Discussion With Audience Q&A**
2:40 PM	**DECISION-CTO and EURO-CTO: Topline Findings and Practice Implications** Gerald S. Werner
2:47 PM	**DECISION-CTO and EURO-CTO: Critique and Unanswered Questions** Emmanouil S. Brilakis
2:52 PM	**Roundtable Discussion With Audience Q&A**

3:00 PM - 4:00 PM

Session II. Top Late-Breaking Valvular Heart Disease Trials

Moderators: David J. Moliterno, Vinod H. Thourani
Discussants: Davide Capodanno, Y. S. Chandrashekhar, Danny Dvir, John K. Forrest, Pedro A. Lemos

	3:00 PM	**REPRISE III: Topline Findings and Practice Implications** Ted Feldman
	3:07 PM	**REPRISE III: Critique and Unanswered Questions** Davide Capodanno
	3:12 PM	**Roundtable Discussion With Audience Q&A**
	3:20 PM	**SURTAVI: Topline Findings and Practice Implications** Nicolas M. Van Mieghem
	3:27 PM	**SURTAVI Trial Critique and Unanswered Questions** E. Murat Tuzcu
	3:33 PM	**Roundtable Discussion With Audience Q&A**
	3:41 PM	**RESOLVE/SAVORY: Topline Findings and Practice Implications** Lars Sondergaard
	3:48 PM	**RESOLVE/SAVORY: Critique and Unanswered Questions** Mohamed Abdel-Wahab
	3:52 PM	**Roundtable Discussion With Audience Q&A**
4:00 PM - 5:00 PM	**Session III. Top Late-Breaking Pharmacology Trials** **Moderators:** Robert A. Harrington, Evan A. Stein **Discussants:** Bill French, Bernard J. Gersh, Sanjay Kaul, Neal S. Kleiman, Norman E. Lepor, Freek W.A. Verheugt	
	4:00 PM	**FOURIER Trial: Topline Findings and Practice Implications** Wolfgang Koenig
	4:07 PM	**Roundtable Discussion With Audience Q&A**
	4:15 PM	**COMPASS Trial: Topline Findings and Practice Implications** Michelle O'Donoghue
	4:22 PM	**Roundtable Discussion With Audience Q&A**
	4:30 PM	**CANTOS: Topline Findings and Practice Implications** Wolfgang Koenig
	4:37 PM	**Roundtable Discussion With Audience Q&A**
	4:45 PM	**PIONEER AF: Topline Findings and Practice Implications** C. Michael Gibson
	4:52 PM	**Roundtable Discussion With Audience Q&A**

5:00 PM - 6:00 PM

Session IV. Top Late-Breaking Trials From TCT 2017

Moderators: Martin B. Leon, Marco Valgimigli
Discussants: Jorge A. Belardi, Kenneth Chin, Jacques J. Koolen, Mitchell W. Krucoff, Giora Weisz, Robert J. de Winter

5:00 PM	**ABSORB II 4-Year, ABSORB III 3-Year, ABSORB IV 30-Day: Highlights Summary** Gregg W. Stone
5:10 PM	**ABSORB II 4-Year, ABSORB III 3-Year, ABSORB IV 30-Day: Appreciation and Critique** Giulio G. Stefanini
5:15 PM	**Roundtable Discussion With Audience Q&A**
5:30 PM	**CULPRIT-SHOCK: Highlights Summary** Georg Fuernau, MD
5:37 PM	**CULPRIT-SHOCK: Appreciation and Critique** Cindy L. Grines
5:40 PM	**Roundtable Discussion With Audience Q&A**
5:45 PM	**SENIOR and Shorter DAPT Studies: Highlights Summary** Olivier Varenne
5:52 PM	**Late-Breaking Clinical Trial 5: Appreciation and Critique** David J. Cohen
5:55 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Optimizing Outcomes With Intravascular Imaging and Physiologic Lesion Assessment - Case-Based Learning

Wednesday, November 1
2:00 PM - 6:00 PM
Colorado Convention Center
Mile High Ballroom 2C-3C, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 2:53 PM

Session I. Preintervention Lesion Assessment

Moderators: William F. Fearon, Matthias Götberg, Gary S. Mintz
Discussants: Valerian Fernandes, John McB. Hodgson, Ioannis Iakovou, Ik-Kyung Jang

	2:00 PM	**State-of-the-Art Review: Intravascular Imaging and Physiology in the Assessment of Non-LMCA and LMCA Stenosis Severity** Jose M. de la Torre Hernandez
	2:12 PM	**Roundtable Discussion With Audience Q&A**
	2:17 PM	**Case #1 (With Discussion): Aortic Stenosis With Concomitant CAD** **Case Presenter:** Evelyn S. Regar
	2:29 PM	**Case #2 (With Discussion): Left Main Stenosis With Concomitant LAD Disease** **Case Presenter:** Ioannis Iakovou
	2:41 PM	**Case #3 (With Discussion): Discordance Between FFR and iFR** **Case Presenter:** Allen Jeremias

2:53 PM - 3:46 PM

Session II. Acute Coronary Syndromes and Vulnerable Plaques

Moderators: Henning Kelbæk, Renu Virmani
Discussants: David Erlinge, Ulf Landmesser, James E. Muller, Jacqueline Saw, Stuart Watkins, Niels van Royen

	2:53 PM	**State-of-the-Art Review: Intravascular Imaging and Physiology in ACS - Culprit Lesion and Vulnerable Plaque Assessment** Francesco Prati
	3:05 PM	**Roundtable Discussion With Audience Q&A**
	3:10 PM	**Case #4 (With Discussion): A Patient With STEMI and Multivessel Disease** **Case Presenter:** Henning Kelbæk
	3:22 PM	**Case #5 (With Discussion): Spontaneous Coronary Artery Dissection** **Case Presenter:** Adriano Caixeta
	3:34 PM	**Case #6 (With Discussion): STEMI and an Intact Fibrous Cap** **Case Presenter:** Ik-Kyung Jang

3:46 PM - 4:39 PM

Session III. Optimizing Stent Implantation

Moderators: Fernando Alfonso, Nick Curzen
Discussants: Lei Ge, Giulio Guagliumi, Ning Guo, Massoud A. Leesar, Masahiko Ochiai, Nish Patel

	3:46 PM	**State-of-the-Art Review: Intravascular Imaging and Physiology to Optimize Stent Implantation Procedures** Ziad A. Ali
	3:58 PM	**Roundtable Discussion With Audience Q&A**
	4:03 PM	**Case #7 (With Discussion): Decision-making During LMCA Intervention** **Case Presenter:** Erick Schampaert
	4:15 PM	**Case #8 (With Discussion): Intramural Hematoma After Stent Implantation** **Case Presenter:** Akiko Maehara
	4:27 PM	**Case #9 (With Discussion): Decision-making During CTO Intervention** **Case Presenter:** Lei Ge
4:39 PM - 5:20 PM	**Session IV. Stent Failure Assessment and Treatment Guidance** **Moderators:** Akiko Maehara, Jose M. de la Torre Hernandez **Discussants:** Hiram G. Bezerra, Todd J. Brinton, Marc D. Feldman, Sudhir Rathore, Wojtek Wojakowski	
	4:39 PM	**State-of-the-Art Review: Intravascular Imaging and Physiology to Evaluate Stent Thrombosis and Restenosis** Giulio Guagliumi
	4:51 PM	**Roundtable Discussion With Audience Q&A**
	4:56 PM	**Case #10 (With Discussion): Stent Underexpansion and Restenosis Secondary to Implantation in a Severely Calcified Lesion** **Case Presenter:** Margaret B. McEntegart
	5:08 PM	**Case #11 (With Discussion): Late Stent Thrombosis Secondary to Neoatherosclerosis** **Case Presenter:** Joost Daemen
5:20 PM - 6:00 PM	**Session V. Bioresorbable Vascular Scaffolds** **Moderators:** Hiram G. Bezerra, Nick E. J. West **Discussants:** Rajiv Ananthakrishna, Juan Luis Gutierrez-Chico, Francesco Prati, Teguh Santoso, Javier Suárez de Lezo	
	5:20 PM	**State-of-the-Art Review: Bioresorbable Vascular Scaffolds – Practical Lessons Learned From Intravascular Imaging About Failure Modes and Optimal Deployment** Hector M. Garcia-Garcia
	5:32 PM	**Roundtable Discussion With Audience Q&A**
	5:37 PM	**Case #12 (With Discussion): An Unusual Case of Scaffold Failure Within 1 Year** **Case Presenter:** Niels R. Holm
	5:49 PM	**Case #13 (With Discussion): Late Scaffold Failure Due to Intraluminal Scaffold Dismantling** **Case Presenter:** Daniel Chamie

Didactic Session: PFO Closure: Patient Selection, Devices, and Technique

Wednesday, November 1
2:00 PM - 6:02 PM
Colorado Convention Center
Mile High Ballroom 1A-1B, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:13 PM

Session I. The Mounting Evidence for PFO Closure

Moderators: Robert J. Sommer, David L. Tirschwell
Discussants: John D. Carroll, Andrew Farb, Clifford J. Kavinsky, Bray Patrick-Lake, John F. Rhodes, Guillaume Turc

2:00 PM	**Pivotal PFO Stroke Trial Update I: RESPECT** Robert J. Sommer
2:10 PM	**Pivotal PFO Stroke Trial Update II: CLOSE** Guillaume Turc
2:20 PM	**Pivotal PFO Stroke Trial Update I: REDUCE** John F. Rhodes
2:30 PM	**Putting the Evidence Together: Updating Guidelines, Patient Selection, and Insurance Coverage I - Neurology Perspective** David L. Tirschwell
2:37 PM	**Putting the Evidence Together: Updating Guidelines, Patient Selection, and Insurance Coverage II - Cardiology Perspective** John D. Carroll
2:44 PM	**Putting the Evidence Together: Updating Guidelines, Patient Selection, and Insurance Coverage II - Patient Advocate's Perspective** Bray Patrick-Lake
2:51 PM	**Putting the Evidence Together: Updating Guidelines, Patient Selection, and Insurance Coverage III - FDA Perspective** Andrew Farb
2:58 PM	**Roundtable Discussion With Audience Q&A**

3:13 PM - 4:30 PM

Session II. Evaluation of the Stroke Patient: To Close or Not to Close

Moderators: Lee N. Benson, Megan Coylewright
Discussants: Steven L. Goldberg, Michael J. Mullen, Francesco Pelliccia, David E. Thaler, David L. Tirschwell, Guillaume Turc

3:13 PM	**The PFO Clinic: Neurologists and Cardiologists as a Team** Lars Sondergaard
3:20 PM	**What is Appropriate Evaluation of Cryptogenic Stroke, and When is a Hypercoagulability Work-up Needed?** David E. Thaler
3:28 PM	**Shared Decision-making for PFO Closure: How to Make the FDA Requirements Work** Megan Coylewright
3:35 PM	**Roundtable Discussion With Audience Q&A**
3:43 PM	**Case Study #1 Introduction: To Close or Not to Close?** **Case Presenter:** Steven L. Goldberg
3:46 PM	**Roundtable Discussion With Audience Q&A**
3:50 PM	**Case Study #1 Resolution: How We Treated, and Long-term Outcome** **Case Presenter:** Steven L. Goldberg
3:53 PM	**Debate: Does the Presence of Atrial Septal Aneurysm and/or a Large Degree of Shunting Identify Patients Most Likely to Benefit? Yes!** Guillaume Turc
3:59 PM	**Debate: Does the Presence of Atrial Septal Aneurysm and/or a Large Degree of Shunting Identify Patients Most Likely to Benefit? No!** David E. Thaler
4:05 PM	**Roundtable Discussion With Audience Q&A**
4:10 PM	**Case Study #2 Introduction: To Close or Not to Close?** **Case Presenter:** Michael J. Mullen
4:13 PM	**Roundtable Discussion With Audience Q&A**
4:17 PM	**Case Study #2 Resolution: How We Treated, and Long-term Outcome** **Case Presenter:** Michael J. Mullen
4:20 PM	**Case Study #3 Introduction: To Close or Not to Close?** **Case Presenter:** David L. Tirschwell
4:23 PM	**Roundtable Discussion With Audience Q&A**
4:27 PM	**Case Study #3 Resolution: How We Treated, and Long-term Outcome** **Case Presenter:** David L. Tirschwell

4:30 PM - 5:30 PM

Session III. PFO Closure Devices and Techniques

Moderators: John F. Rhodes, Robert J. Sommer
Discussants: Anita Asgar, Clifford J. Kavinsky, Eustaquio Maria Onorato, Igor F. Palacios, Mark Reisman, Ruby Satpathy, Richard Smalling

	4:30 PM	**Review of PFO Closure Devices, and an Anatomy-specific Approach to Device Selection** Mark Reisman
	4:40 PM	**Device Sizing for the Amplatzer PFO Occluder: Forget the IFU** Richard Smalling
	4:45 PM	**Challenging Anatomies, Case #1: The Long Rigid Tunnel** **Case Presenter:** Eustaquio Maria Onorato
	4:50 PM	**Challenging Anatomies, Case #2: The 20mm PFO and Atrial Septal Aneurysm** **Case Presenter:** Thomas M. Tu
	4:55 PM	**Case #3: IVC Filter/Obstructed IVC** **Case Presenter:** Anita Asgar
	5:00 PM	**Complications During and After PFO Closure, Case #1: Pericardial Effusion** **Case Presenter:** Igor F. Palacios
	5:05 PM	**Complications During and After PFO Closure, Case #2: Chest Pain** **Case Presenter:** Clifford J. Kavinsky
	5:10 PM	**Complications During and After PFO Closure, Case #3: Arrhythmias** **Case Presenter:** John F. Rhodes
	5:15 PM	**Roundtable Discussion With Audience Q&A**
5:30 PM - 6:02 PM	**Session IV. Unresolved Clinical Issues in PFO Closure** **Moderators:** Mark Reisman, Brian K. Whisenant **Discussants:** Frank F. Ing, Joseph Kay, Stephane Noble, Robert J. Sommer, Christian Spies	
	5:30 PM	**VTE and PFO Closure: Device? Anticoagulation? Both?** Christian Spies
	5:38 PM	**PFO Closure for Migraine: Dead, Alive, or in Need of Another Trial?** Robert J. Sommer
	5:46 PM	**PFO Closure for Hypoxemia: Who Responds and Who Does Not? Designing a Trial to Prove the Concept** Joseph Kay
	5:54 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Right Heart Interventions - Tricuspid and Pulmonic Valve Interventions

Wednesday, November 1
2:00 PM - 6:00 PM

Colorado Convention Center
Mile High Ballroom 2A-3A, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:02 PM

Session I. Tricuspid Valve Anatomy and Pathophysiology

Moderators: Rebecca T. Hahn, Yan Toplisky
Discussants: Victoria Delgado, Paolo Denti, Mark Reisman, Maurice E. Sarano

2:00 PM	**Understanding Right Heart Anatomy** Mark Reisman
2:08 PM	**Use of Echo, CMR, and CT to Assess the Tricuspid Valve and Right Heart** Victoria Delgado
2:18 PM	**The Role of Pulmonary Hypertension in Tricuspid Regurgitation** Paolo Denti
2:26 PM	**Etiologies and Prognosis of Primary Tricuspid Valve Disease** Rebecca T. Hahn
2:34 PM	**Etiologies and Prognosis of Secondary Tricuspid Valve Disease** Maurice E. Sarano
2:42 PM	**Who Are Reasonable (and Unreasonable) Candidates for Surgical or Transcatheter Intervention?** Yan Toplisky
2:50 PM	**Roundtable Discussion With Audience Q&A**

3:02 PM - 4:40 PM

Session II. Tricuspid Valve Interventions

Moderators: Francesco Maisano, Jason H. Rogers
Discussants: Steven R. Bailey, Roger J. Laham, Alexander Lauten, Christopher U. Meduri, Georg Nickenig, Maurizio Taramasso

	3:02 PM	**Surgical Interventions for Functional Tricuspid Regurgitation: Guideline Indications, Risks, and Benefits** Gilles Dreyfus
	3:12 PM	**Transcatheter TR Solution 1: Trialign** Rebecca T. Hahn
	3:20 PM	**Transcatheter TR Solution 2: Caval Valve Implantation** Hans R. Figulla
	3:28 PM	**Transcatheter TR Solution 3: MitraClip** Georg Nickenig
	3:36 PM	**Transcatheter TR Solution 4: FORMA** John G. Webb
	3:44 PM	**Transcatheter TR Solution 5: Cardioband** Ralph Stephan von Bardeleben
	3:52 PM	**Transcatheter TR Solution 6: Millipede** Steven F. Bolling
	4:00 PM	**Transcatheter TR Solution 7: TRAIPTA** Toby Rogers
	4:08 PM	**Transcatheter TR Solution 8: GATE Valve** Jose Luis Navia
	4:16 PM	**Tricuspid Valve-in-Valve and Valve-in-Ring** Paul Sorajja
	4:24 PM	**Roundtable Discussion With Audience Q&A**

4:40 PM - 6:00 PM

Session III. Pulmonic Valve Interventions

Moderators: Elchanan Bruckheimer, Doff B. McElhinney
Discussants: Daniel S Levi, Scott Lim, Oscar A. Mendiz, Michael J. Mullen, Harsimran Sachdeva Singh, Neil Wilson

	4:40 PM	**Surgical Treatment of RV Outflow Tract Obstruction: From RV-PA Conduit to TAP** Damien J. LaPar
	4:48 PM	**RV-PA Conduit Dysfunction: The History of Transcatheter PV Therapy** Michael J. Mullen
	4:56 PM	**Current Results of Transcatheter PV Therapy: Melody and Sapien** Thomas K. Jones
	5:06 PM	**How to Avoid and Treat Complications Associated With Transcatheter PV Therapy** Doff B. McElhinney
	5:16 PM	**When to Refer Your Patient With Severe PR After Surgical TAP** Harsimran Sachdeva Singh
	5:24 PM	**How to Treat Severe PR in the Large RVOT Using Melody or Sapien Valves** Daniel S Levi
	5:34 PM	**Update on the Harmony Transcatheter PV and Other TPV Products Inside and OUS for Severe PR** Lee N. Benson
	5:44 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: TCT Endovascular - Carotid, Subclavian, Innominate, and Stroke Interventions

Wednesday, November 1
2:00 PM - 6:15 PM
Colorado Convention Center
Mile High Ballroom 4A-4B, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:00 PM		**Session I. Live Case Demonstrations: Carotid and Cerebrovascular Intervention** **Live Case Moderator:** Nick Hopkins **Live Case Co-Moderator:** Brian G. DeRubertis **Live Case Discussants:** Alex Abou-Chebl, Klaus D. Mathias, Philip M. Meyers, Aman B. Patel, Stephen R. Ramee, Adnan Siddiqui
	2:00 PM	**Live Case: Miami Cardiac & Vascular Institute, Miami, Florida** **Live Case Operators:** James F. Benenati, Ripal T Gandhi, Barry T. Katzen, Constantino S. Pena, Brian J. Schiro, Libby Watch
3:00 PM - 4:15 PM		**Session II. Carotid Disease Intervention** **Moderators:** Brian G. DeRubertis, D. Christopher Metzger **Discussants:** William A. Gray, Nick Hopkins, Sasko Kedev, Philip M. Meyers, Gary S. Roubin, Adnan Siddiqui

	3:00 PM	**Flash Debate 1: Is Intervention for Asymptomatic Carotid Stenosis Indicated Given Modern Medical Management? Yes, the Data Are Clear!** Christopher J. White
	3:05 PM	**Flash Debate 1: Is Intervention for Asymptomatic Carotid Stenosis Indicated Given Modern Medical Management? No, the Data Are Clear!** Klaus D. Mathias
	3:10 PM	**Roundtable Discussion With Audience Q&A**
	3:15 PM	**Timing of Carotid Intervention After Significant Stroke: Does Procedure Type Make a Difference?** Kenneth Snyder
	3:23 PM	**Results of Recent Carotid Stent Trials: What Are the Unanswered Questions (If Any)?** William A. Gray
	3:33 PM	**Carotid Artery Dissection: Review of Medical Management and Interventional Options** Stephen R. Ramee
	3:41 PM	**Carotid Stenting Technique: Tough Arches, Tough Access, and Alternate Access** Sasko Kedev
	3:49 PM	**Challenging Carotid Anatomy: My Most Memorable Cases** **Case Presenter:** Gary S. Roubin
	3:57 PM	**Techniques for Treating Chronic Carotid Occlusion** **Case Presenter:** Adnan Siddiqui
	4:05 PM	**Roundtable Discussion With Audience Q&A**

4:15 PM - 6:15 PM

Session III. Acute Stroke Intervention

Moderators: Nick Hopkins, Aman B. Patel
Discussants: Johanna T. Fifi, Philip M. Meyers, Adnan Siddiqui, Kenneth Snyder

4:15 PM	**Stroke Demographics and Public Health Challenges** Nick Hopkins
4:23 PM	**Building a Multidisciplinary Team for Interventional Acute Stroke Management: Parallels to Primary PCI for Acute MI?** Nick Hopkins
4:31 PM	**Who Should Perform Acute Stroke Intervention and What Training Is Needed?** Kenneth Snyder
4:39 PM	**Patient Selection for Acute Stroke Intervention** Aman B. Patel
4:47 PM	**Imaging Criteria for Selection of Acute Stroke Patients: Is ASPECTS Enough?** Kenneth Snyder
4:55 PM	**Stent Retrievers vs Aspiration or Combination in Acute Stroke? Data and Practical Recommendations** Aman B. Patel
5:05 PM	**How to Access and Treat Occluded Intracranial Arteries With Tortuous Anatomy and Rigid Skull Base Arteries** Adnan Siddiqui
5:13 PM	**Roundtable Discussion With Audience Q&A**
5:28 PM	**Flash Debate 2: I Favor Conscious Sedation Over General Anesthesia in Acute Stroke!** Adnan Siddiqui
5:33 PM	**Roundtable Discussion With Audience Q&A**
5:38 PM	**Flash Debate 3: Should the Rapidly Improving and Asymptomatic Patient With Significant Vessel Occlusion Be Treated (and When)? Yes!** Adnan Siddiqui
5:43 PM	**Flash Debate 3: Should the Rapidly Improving and Asymptomatic Patient With Significant Vessel Occlusion Be Treated (and When)? No!** Aman B. Patel
5:48 PM	**Roundtable Discussion With Audience Q&A**
5:53 PM	**Evaluation and Treatment of Wake-up Stroke in the DAWN Era: How Late Can We Intervene?** Johanna T. Fifi
6:01 PM	**How to Manage LVO Stroke With Access Blocked by Cervical Carotid Occlusion** Johanna T. Fifi
6:09 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: The CTO Summit Part 2 - Complications

Wednesday, November 1
2:00 PM - 6:00 PM
Colorado Convention Center
Room 401-404, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 3:00 PM

Session IV. How to Handle Disaster

Moderators: Jonathan M. Hill, Masahiko Ochiai
Discussants: Yasushi Asakura, Lei Ge, Margaret B. McEntegart, Barry D. Rutherford, Adam C. Salisbury, James C. Spratt, R. Michael Wyman

2:00 PM	**Complications Lessons From AsiaPacific CTO Club** Lei Ge
2:15 PM	**Roundtable Discussion With Audience Q&A**
2:20 PM	**Complications Lessons From the UK Registry** James C. Spratt
2:35 PM	**Roundtable Discussion With Audience Q&A**
2:40 PM	**Complications Lessons From OPEN CTO** Adam C. Salisbury
2:55 PM	**Roundtable Discussion With Audience Q&A**

3:00 PM - 4:00 PM

Sessions V. Complication Management

Moderators: William L. Lombardi, Stéphane Rinfret
Discussants: Christopher E. Buller, Sanjog Kalra, Paul Knaapen, Kambis Mashayekhi, Robert F. Riley, Ling Tao

3:00 PM	**Managing Perforations I: Antegrade Wire or Device Exit - How to Recognize and Options for Management** Paul Knaapen
3:15 PM	**Roundtable Discussion With Audience Q&A**
3:20 PM	**Managing Perforations II: Retrograde Collateral Ruptures - How to Avoid and Manage** Kambis Mashayekhi
3:35 PM	**Roundtable Discussion With Audience Q&A**
3:40 PM	**Managing Perforations III: The Post CABG Patient** Robert F. Riley
3:55 PM	**Roundtable Discussion With Audience Q&A**

4:00 PM - 5:00 PM

Session VI. Case-Based Complication Management: Learning From Others

Moderators: Satoru Sumitsuji, Simon J. Walsh
Discussants: Omer Goktekin, Raja Hatem, Arasi Maran, James Sapontis, Minh N. Vo

	4:00 PM	**My Worst Complication and What I Learned** **Case Presenter:** Simon J. Walsh
	4:15 PM	**Roundtable Discussion With Audience Q&A**
	4:20 PM	**My Worst Complication and What I Learned** **Case Presenter:** Raja Hatem
	4:35 PM	**Roundtable Discussion With Audience Q&A**
	4:40 PM	**My Worst Complication and What I Learned** **Case Presenter:** James Sapontis
	4:55 PM	**Roundtable Discussion With Audience Q&A**
5:00 PM - 6:00 PM	**Session VII. More Case-Based Complications** **Moderators:** Jeffrey W. Moses, R. Michael Wyman **Discussants:** Christopher E. Buller, Mauro Carlino, Farouc Jaffer, Alexander Grigorievich Osiev, Makoto Sekiguchi, Bin Zhang	
	5:00 PM	**My Worst Complication That Was Preventable** **Case Presenter:** Farouc Jaffer
	5:15 PM	**Roundtable Discussion With Audience Q&A**
	5:20 PM	**My Worst Complication and Greatest Save** **Case Presenter:** R. Michael Wyman
	5:35 PM	**Roundtable Discussion With Audience Q&A**
	5:40 PM	**My Worst Complication That I Couldn't Recover From** **Case Presenter:** Bin Zhang
	5:55 PM	**Roundtable Discussion With Audience Q&A**

Didactic Session: Transcatheter Aortic Valve Therapies, Part 3 - New Clinical Indications, Concomitant Disease, Clinical Controversies, and Unsettled Issues

Wednesday, November 1
2:00 PM - 6:21 PM
Colorado Convention Center
Mile High Ballroom 2B-3B, Ballroom Level
Accreditation: CME/CNE/MOC/ASRT

2:00 PM - 4:15 PM

Session I. New Clinical Indications and Concomitant Disease

Moderators: Ariel Finkelstein, Ran Kornowski
Discussants: Oluseun Alli, Hemal Gada, Kishore J. Harjai, Hasan Jilaihawi, Bernard Prendergast, Ramon Quesada, Molly Szerlip

2:00 PM	**TAVR in Symptomatic High-risk Aortic Regurgitation: Case Selection, Devices and Preliminary Clinical Outcomes** Hendrik Treede
2:08 PM	**Roundtable Discussion With Audience Q&A**
2:10 PM - 2:40 PM	**TAVR in Bicuspid Aortic Valve Disease**

2:10 PM	**Revised Classification of Bicuspid Aortic Valve Disease Based on CT-Imaging: Implications for TAVR Therapy** Hasan Jilaihawi
2:15 PM	**Outcomes after TAVR in Bicuspid vs Tricuspid Aortic Valves: Results From a Multicenter Study with Propensity Matching** Raj Makkar
2:23 PM	**Practical Tips for TAVR in Bicuspid Aortic Valves: Device Selection, Valve Sizing and Positioning** Didier Tchetche
2:31 PM	**TAVR Outcomes for Bicuspid Aortic Valve Disease in Asian Patients** Jung-Min Ahn
2:36 PM	**Roundtable Discussion With Audience Q&A**

2:40 PM	**TAVR in Moderate Aortic Stenosis + Heart Failure: Updates From the UNLOAD Trial** Nicolas M. Van Mieghem
2:48 PM	**TAVR in Asymptomatic Severe Aortic Stenosis: Updates From the EARLY TAVR Trial** Philippe Genereux
2:56 PM	**Roundtable Discussion With Audience Q&A**
3:00 PM	**Featured Lecture: Predictors of Mortality and Conduction Disturbances in Women Undergoing TAVR: A CT Sub-Analysis of the WIN-TAVI Registry** Yusuke Watanabe
3:10 PM	**Roundtable Discussion With Audience Q&A**
3:15 PM - 3:35 PM	**Patients With Severe AS and Significant MR (and/or TR)**

3:15 PM **Frequency of MR and Clinical Management Issues in TAVR Patients**
Marco Barbanti

3:23 PM **The Role of MitraClip Therapy in TAVR Patients - Treatment Paradigms (Who, When, and How) and Case Examples**
Brij Maini

3:31 PM **Roundtable Discussion With Audience Q&A**

3:35 PM - 3:55 PM **Patients With Severe AS and Coronary Disease**

3:35 PM **TAVR in AS Patients With Stable Coronary Disease: Evolving Treatment Issues (When to Consider CABG, Timing of PCI, and Completeness of Revascularization)**
Torsten P. Vahl

3:43 PM **TAVR in AS Patients With … Acute Coronary Syndromes, Left Main Disease, and Coronary Access After TAVR: Case Examples and Procedural Techniques**
James B. Hermiller Jr.

3:51 PM **Roundtable Discussion With Audience Q&A**

3:55 PM - 4:05 PM **Patients With Severe AS and Atrial Fibrillation**

3:55 PM **Managing AS Patients With Atrial Fibrillation in TAVR Patients – Pharmacotherapy Considerations and LAAC Possibilities (WATCH-TAVR Trial)**
Samir R. Kapadia

4:03 PM **Roundtable Discussion With Audience Q&A**

4:05 PM - 4:15 PM **Patients With Severe AS and Chronic Kidney Disease**

4:05 PM **TAVR in Patients With Severe CKD: Diagnostic Workup, Valve Sizing, and Procedural and Post-Procedure Management**
Nirat Beohar

4:13 PM **Roundtable Discussion With Audience Q&A**

4:15 PM - 6:21 PM **Session II. Clinical Controversies and Unsettled Issues**

Moderators: Eberhard Grube, James B. Hermiller Jr.
Discussants: Mohamed Abdel-Wahab, Hasan Jilaihawi, Albert Markus Kasel, Ganesh Manoharan, Luis Nombela-Franco, Torsten P. Vahl

4:15 PM - 4:32 PM	**Flash Debate #3: Cerebral Protection Should be Used in Patients During TAVR**	
	4:15 PM	**Point – A Balanced Look at ALL the Data Favors Cerebral Protection in ALL TAVR Patients!** Saif Anwaruddin
	4:20 PM	**Counterpoint – Clinical Trial Results are Inconclusive and Systematic Use of Cerebral Protection During TVR is Unwarranted!** Duane S. Pinto
	4:25 PM	**Roundtable Discussion With Audience Q&A**
	4:30 PM	**Audience Vote: In What Proportion of TAVR Should Cerebral Protection be Used?** **Poll Moderators:** Eberhard Grube, James B. Hermiller Jr.
4:32 PM - 4:59 PM	**Flash Debate #4: The "Minimalist" Approach Should be Favored During TAVR Procedures**	
	4:32 PM	**Point – TAVR Without General Anesthesia and Without TEE is now the "Default" Strategy!** Ganesh Manoharan
	4:37 PM	**Counterpoint – A Customized Approach, Including General Anesthesia and TEE, Optimizes Patient Outcomes!** Omar K. Khalique
	4:42 PM	**Commentary I – Insights From the 3M Trial** David A. Wood
	4:47 PM	**Commentary II – At What Point Does the Minimalist Strategy Become Ludicrous?** Martin B. Leon
	4:52 PM	**Roundtable Discussion With Audience Q&A**
	4:57 PM	**Audience Vote: How Often should TAVR be Performed Without General Anesthesia and Without TEE?** **Poll Moderators:** Eberhard Grube, James B. Hermiller Jr.
4:59 PM - 5:16 PM	**Flash Debate #5: Managing the TAVR Device "Explosion"**	

4:59 PM	**Point – A Multi-Device Lesion-Specific Approach is Preferred!** Michael J. Reardon
5:04 PM	**Counterpoint – More than Two TAVR Devices on Your Shelf is Unnecessary!** Haim Danenberg
5:09 PM	**Roundtable Discussion With Audience Q&A**
5:14 PM	**Audience Vote: How Many TAVR Devices Should Each TAVR Program Have?** **Poll Moderators:** Eberhard Grube, James B. Hermiller Jr.

5:16 PM	**"Shared Decision-making" is an Essential Component of the Modern-era Heart Team: Rationale and Integration with TAVR Clinical Practice** Megan Coylewright
5:24 PM	**Roundtable Discussion With Audience Q&A**
5:26 PM	**Underutilization of TAVR in Minority Populations: Scope, Etiologies, and Possible Solutions** Oluseun Alli
5:34 PM	**Roundtable Discussion With Audience Q&A**
5:36 PM - 6:01 PM	**Valve Leaflet Thickening and Durability Issues**

5:36 PM	**The Clinical Relevance of Valve Leaflet Thickening after TAVR** Raj Makkar
5:44 PM	**Valve Durability after TAVR: Definitions, Surgical Valve Predicates, and Review of Available Data** Danny Dvir
5:52 PM	**Hemodynamic Trends on Serial Echocardiograms after TAVR: Comprehensive 5-Year Analyses From PARTNER** Pamela S. Douglas
5:57 PM	**Roundtable Discussion With Audience Q&A**

6:01 PM	**A Primer of Conduction Abnormalities after TAVR: Frequency, Clinical Consequences, and Revised Management Recommendations (New Permanent Pacemakers)** Hemal Gada
6:09 PM	**Roundtable Discussion With Audience Q&A**
6:15 PM	**Adjunctive Pharmacotherapy During and After TAVR: Current Trends, New Studies, and the Case for Short-term (3-6 months) Systemic Anticoagulation** Pascal Vranckx
6:19 PM	**Roundtable Discussion With Audience Q&A**

Hot Topic Lunch: Controversies in Interventional Cardiology - The Skeptic's Corner

Wednesday, November 1
12:00 PM - 2:06 PM
Colorado Convention Center
Room 607, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 1:08 PM

Session I. Evidence/Practice Mismatch in Coronary Interventions

Moderators: Sanjay Kaul, Tullio Palmerini
Discussants: William F. Fearon, Gert Richardt, Gregg W. Stone, Jean-François Tanguay, Ron Waksman, Jose M. de la Torre Hernandez

12:00 PM	**Flash Debate: FFR/iFR in ACS Patients With MVD - Based on the Evidence the Guidelines are Justified and Should Be Even Stronger!** Tim P. van de Hoef
12:06 PM	**Flash Debate: FFR/iFR in ACS Patients With MVD – There is Little Credible Evidence on Which to Base Any Recommendations!** Francesco Saia
12:12 PM	**Roundtable Discussion and Audience Q&A**
12:17 PM	**Flash Debate: There Is Insufficient Evidence From Randomized Trials to Justify Frequent Use of Impella in High-Risk PCI and Cardiogenic Shock!** Holger Thiele
12:23 PM	**Flash Debate: Registry Data and Personal Experiences Are Strong Enough to Justify Frequent Use of IMPELLA in High-Risk PCI and Cardiogenic Shock!** Dimitri Karmpaliotis
12:29 PM	**Roundtable Discussion and Audience Q&A**
12:34 PM	**Flash Debate: Guideline Recommendations for PCI in Low-to-Intermediate Risk Left Main Disease Should Be Upgraded to Class I Based on EXCEL and NOBLE!** Evald H. Christiansen
12:40 PM	**Flash Debate: If Anything, Guideline Recommendations for PCI in Low-to-Intermediate Risk Left Main Disease Should be Downgraded Based on EXCEL and NOBLE!** Jacek Legutko
12:46 PM	**Roundtable Discussion and Audience Q&A**
12:51 PM	**Flash Debate: Bioresorbable Scaffolds Should Rarely be Used Outside of Carefully Controlled Research Studies!** Robert A. Byrne
12:57 PM	**Flash Debate: Bioresorbable Scaffolds Are Appropriate for Clinical Use in Suitable Patients With Optimal Technique!** Robert-Jan van Geuns
1:03 PM	**Roundtable Discussion and Audience Q&A**

1:08 PM - 2:06 PM

Session II. Evidence/Practice Mismatch in TAVR

Moderators: Gilles Dreyfus, Sanjay Kaul
Discussants: Samir R. Kapadia, Reginald I. Low, Tullio Palmerini, Daniel I. Simon, Jochen Wöhrle

1:08 PM	**Flash Debate: The Evidence and Clinical Need Justifies the Widespread Use of Embolic Protection During TAVR** Samir R. Kapadia
1:14 PM	**Flash Debate: Based on Clinical Studies, Embolic Protection Devices Should Infrequently Be Used During TAVR** Duane S. Pinto
1:20 PM	**Roundtable Discussion and Audience Q&A**
1:27 PM	**Flash Debate: Valve Thrombosis After TAVR Is a Serious Concern That Deserves Detection and Management!** Raj Makkar
1:33 PM	**Flash Debate: Surveillance and Prophylactic Treatment of Asymptomatic TAVR Thrombosis Is Not Currently Warranted!** Hendrik Treede
1:39 PM	**Roundtable Discussion and Audience Q&A**
1:46 PM	**Flash Debate: Enough Evidence Is Present to Justify TAVR in Select Patients With Bicuspid Aortic Stenosis!** John G. Webb
1:52 PM	**Flash Debate: Surgery Remains the First Option in All Operable Patients With Bicuspid Aortic Stenosis!** Alfredo Trento
1:58 PM	**Roundtable Discussion and Audience Q&A**

Hot Topic Lunch: CT Imaging for Coronary and Structural Heart Disease Interventionalist (Sponsored by the Society of Cardiovascular Computed Tomography [SCCT])

Wednesday, November 1
12:00 PM - 2:00 PM
Colorado Convention Center
Room 601, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 1:00 PM

Session I. CT Imaging for the Structural Heart Disease Interventionalist

Moderators: Jonathon A. Leipsic, Maurice E. Sarano
Discussants: Gudrun Feuchtner, Hasan Jilaihawi, Nicolo Piazza, Carlos E. Ruiz

	12:00 PM	**Insights CT Imaging Brings to TAVR Planning** Nicolo Piazza
	12:10 PM	**Post-TAVR Valve Thickening: Current Data and Open Questions** Hasan Jilaihawi
	12:20 PM	**Preprocedural CT Planning Prior to Transcatheter Mitral Valve Interventions** Jonathon A. Leipsic
	12:30 PM	**CT Criteria to Select Candidates for Transcatheter Tricuspid Valve Interventions** Carlos E. Ruiz
	12:40 PM	**Utility of CT for Ineffective Endocarditis Diagnosis and Treatment** Gudrun Feuchtner
	12:50 PM	**Roundtable Discussion With Audience Q&A**
1:00 PM - 2:00 PM	**Session II. CT Imaging for the Coronary Interventionalist** **Moderators:** Pamela S. Douglas, Jonathon A. Leipsic, James K. Min **Discussants:** Paul Knaapen, Manesh R. Patel	
	1:00 PM	**PET-CT: Atherosclerosis and Perfusion** Paul Knaapen
	1:10 PM	**The Role of CT As the First Line Test for New Onset Chest Pain** Jonathon A. Leipsic
	1:20 PM	**Clinical Utility of FFRct** Pamela S. Douglas
	1:30 PM	**Integrated Anatomical and Functional Assessment of Coronary Artery Stenosis** Manesh R. Patel
	1:40 PM	**CT Identification of the Vulnerable Patient and Vulnerable Plaque** James K. Min
	1:50 PM	**Roundtable Discussion With Audience Q&A**

Hot Topic Lunch: Early and Late Career Decisions for the New and Experienced Interventionalist

Wednesday, November 1
12:00 PM - 2:00 PM
Colorado Convention Center
Room 505, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM

Early and Late Career Decisions for the New and Experienced Interventionalist

Moderators: Michael J. Rinaldi, David O. Williams
Discussants: Michael J. Cowley, Richard R. Heuser, Andrew J. Klein, Ethan C Korngold, Igor F. Palacios, Puja B. Parikh, Augusto D. Pichard

12:00 PM	**Session Introduction and Goals** David O. Williams
12:05 PM	**Challenges for the Young Interventionalist: "Dual Citizenship" and Training** Sahil A. Parikh
12:15 PM	**Starting an Interventional Practice: An Academic Career** Mehdi H. Shishehbor
12:25 PM	**Starting a Clinical Interventional Practice: Real-world Lessons** Ethan C Korngold
12:35 PM	**Maintaining Knowledge and Skills: Continued Education** David A. Cox
12:45 PM	**Roundtable Discussion With Audience Q&A**
1:00 PM	**Preparing for the Light at the End of the Tunnel** David O. Williams
1:10 PM	**Knowing When and How to Stop** George W. Vetrovec
1:20 PM	**No Longer an Interventionalist? Try Something Else** David P. Faxon
1:30 PM	**Transitioning to Industry** Chuck Simonton
1:40 PM	**Roundtable Discussion With Audience Q&A**
1:55 PM	**Summary and Take-home Messages** Sahil A. Parikh, David O. Williams

Hot Topic Lunch: Echo Guidance of Interventional Procedures (Focus on SHD and the Heart Team): An ASE-Sponsored Symposium

Wednesday, November 1
12:00 PM - 2:00 PM
Colorado Convention Center
Room 605, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 12:55 PM	**Session I. Integration of Imaging Into the Heart Team** **Moderators:** Rebecca T. Hahn, Stephen H. Little **Discussants:** Omar K. Khalique, Stamatios Lerakis, G. Burkhard Mackensen, Philippe Pibarot, Fabien Praz, Robert J. Siegel	
	12:00 PM	**What Value Does a Multimodality Imager Bring to the Heart Team?** Omar K. Khalique
	12:10 PM	**What Characteristics Define the Ideal Heart Team Imager, and How Can They Be Recruited and Funded?** Stephen H. Little
	12:20 PM	**When Does the Interventionalist Need the Imager in Procedural Planning and Guidance?** Fabien Praz
	12:30 PM	**What More Does the Heart Team Imager Need (Standards, Training, Community)?** Rebecca T. Hahn
	12:40 PM	**Roundtable Discussion With Audience Q&A**
12:55 PM - 2:00 PM	**Session II. Optimizing Imaging for Structural Heart Disease Interventions** **Moderators:** G. Burkhard Mackensen, Robert J. Siegel **Discussants:** João L Cavalcante, Linda D. Gillam, Paul A. Grayburn, Stephen H. Little, Randolph P. Martin	
	12:55 PM	**The Problem: Variability in SHD Image Quality and Its Impact on Procedural Outcomes** Paul A. Grayburn
	1:05 PM	**The Solution? Ongoing Efforts to Improve Image Quality and Decrease Variability in SHD Diagnosis and Interventions (Guidelines, Training, and More)** G. Burkhard Mackensen
	1:15 PM	**Technical Opportunities Part 1: Advances in SHD Imaging (Workflow Advances, Automated Quantification, and Machine Learning)** Randolph P. Martin
	1:25 PM	**Technical Opportunities Part 2: Telehealth, Cloud-Based Systems, and Centers of Excellence** João L Cavalcante
	1:35 PM	**A Training Opportunity: Development of Simulation Equipment for SHD Imaging** Rebecca T. Hahn
	1:45 PM	**Roundtable Discussion With Audience Q&A**

Hot Topic Lunch: Fascinating Lectures - Out-of-the-Box Ideas and Experiences

Wednesday, November 1
12:00 PM - 2:15 PM

Colorado Convention Center
Room 502, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 1:10 PM

Session I. The Cath Lab of the Future: From Today's Experiences to Tomorrow

Moderators: Gary S. Mintz, Giora Weisz
Discussants: Elchanan Bruckheimer, Nishith Chandra, Nicolas Foin, Maksymilian P. Opolski, Rod H. Stables

12:00 PM	**A Vision for the Cath Lab and PCI of the Future** Nicolas Foin
12:10 PM	**Seeing Better Is Doing Better: Augmented Reality to Enhance Interventional Cardiology Procedures** Maksymilian P. Opolski
12:20 PM	**PCI in the Business Class Lounge: Enhancing the Interventional Experience** Rod H. Stables
12:30 PM	**Percutaneous Metabolic Interventions: Next Revolution?** Nicholas N. Kipshidze
12:40 PM	**Fantastic Voyage: Macrotrends in Microsystems for Transcatheter Therapeutics** Charles C. Chung
12:50 PM	**Roundtable Discussion With Audience Q&A**

1:00 PM - 2:05 PM

Session II. Interventional Cardiology and International Collaboration

Moderators: Vinay K. Bahl, Alice K. Jacobs
Discussants: Abdul Kader Akanda, Thomas Alexander, Farhat Fouladvand, Francesco Pelliccia, Paul Rees, Ivan C. Rokos

1:00 PM	**Streamlining Interventional Cardiology Practice Using a Smartphone in India** Nishith Chandra
1:10 PM	**Combat Cardiology: From the Cath Lab to Battlefield Rescue** Paul Rees
1:20 PM	**Cooperation Between Italian Society of Interventional Cardiology (GISE) and the Bulgarian Cardiac Institute in Bulgaria: Impressive Reduction in the Mortality of CAD** Farhat Fouladvand
1:30 PM	**Developing a STEMI System of Care for Low and Middle Income Countries: The STEMI India Model** Thomas Alexander
1:40 PM	**Management of Acute Coronary Syndromes: Bangladesh Perspective and Insights Into Regional Variations** Abdul Kader Akanda
1:50 PM	**Roundtable Discussion With Audience Q&A**

Hot Topic Lunch: Fellows Session - Interventional Cardiology Year-in-Review

Wednesday, November 1
12:00 PM - 2:00 PM
Colorado Convention Center
Room 506-507, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 2:00 PM	**Session I. Interventional Cardiology Year-in-Review** **Moderators:** Debabrata Mukherjee, E. Murat Tuzcu **Discussants:** Theodore A. Bass, Megan Coylewright, Stephen G. Ellis, Nicholas J. Lembo, Sigmund Silber, Hadley Wilson

12:00 PM	**Essential Recent Guidelines and AUC Updates: What Every Fellow Must Know** Nicholas J. Lembo
12:15 PM	**Roundtable Discussion With Audience Q&A**
12:20 PM	**Optimizing the Acute and Chronic Use of Antiplatelet and Antithrombotic Agents (and Their Combination): 2017 Update** Dimitrios Alexopoulos
12:35 PM	**Roundtable Discussion With Audience Q&A**
12:40 PM	**The DES Landscape and Bioabsorbable Scaffolds in 2017** Giulio G. Stefanini
12:55 PM	**Roundtable Discussion With Audience Q&A**
1:00 PM	**Beyond Angiography: iFR, FFR, and Intravascular Imaging for PCI Optimization** Verghese Mathew
1:15 PM	**Roundtable Discussion With Audience Q&A**
1:20 PM	**TAVR: Current Devices and Indications** Vinod H. Thourani
1:35 PM	**Roundtable Discussion With Audience Q&A**
1:40 PM	**Transcatheter Mitral Valve Repair and Replacement: Today and Tomorrow** Mayra Guerrero
1:55 PM	**Roundtable Discussion With Audience Q&A**

Hot Topic Lunch: Focus on Chronic Kidney Disease and Contrast Nephropathy

Wednesday, November 1
12:00 PM - 2:00 PM
Colorado Convention Center
Room 603, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 1:09 PM	**Session I. Contrast Induced Nephropathy: Overview and Prevention 74** **Moderators:** Patricia J. Best, Somjot S. Brar **Discussants:** Carlo Briguori, Charles J. Davidson, Hitinder S. Gurm, Eugenia Nikolsky, Ajay V. Srivastava

	12:00 PM	**Contrast Induced Nephropathy: Why Does It Matter?** Carlo Briguori
	12:10 PM	**Roundtable Discussion With Audience Q&A**
	12:15 PM	**CIN Risk Prediction and Contrast Volume: Data and Guidelines** Hitinder S. Gurm
	12:23 PM	**Contrast Reduction Strategies in the Patient With CKD** Roxana Mehran
	12:31 PM	**Roundtable Discussion With Audience Q&A**
	12:41 PM	**Strategies to Optimize Hydration for CIN Prevention** Somjot S. Brar
	12:51 PM	**Feasibility of PCI With No Contrast** Ziad A. Ali
	12:59 PM	**Roundtable Discussion With Audience Q&A**
1:09 PM - 2:00 PM	**Session II. Acute Kidney Injury: Special Scenarios** **Moderators:** Somjot S. Brar, Roxana Mehran **Discussants:** Antonio L. Bartorelli, Michael P. Flaherty, Thomas R. Keeble, Ran Kornowski, Anand Prasad	
	1:09 PM	**Acute Kidney Injury in Cardiogenic Shock: Impact of Hemodynamic Support** Michael P. Flaherty
	1:17 PM	**Roundtable Discussion With Audience Q&A**
	1:22 PM	**Acute Kidney Injury After PCI vs CABG: Which Is Preferred in the CKD Patient??** Anand Prasad
	1:30 PM	**Roundtable Discussion With Audience Q&A**
	1:35 PM	**Acute Kidney Injury After TAVR: Frequency, Etiology, and Prevention** Ran Kornowski
	1:43 PM	**Roundtable Discussion With Audience Q&A**
	1:48 PM	**Acute Kidney Injury As a PCI Quality Improvement Metric: Strengths and Weaknesses** Hitinder S. Gurm
	1:56 PM	**Roundtable Discussion With Audience Q&A**

Hot Topic Lunch: Heart Team Collaboration - Complex Coronary and Structural Dilemmas

Wednesday, November 1
12:00 PM - 2:00 PM

Colorado Convention Center
Room 709/711, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 12:31 PM

Session I. Complex and High-Risk Coronary Artery Disease

Moderators: James B. Hermiller Jr., John D. Puskas
Discussants: Kenneth Chin, Angela Hoye, Duane S. Pinto, Barry D. Rutherford, Gennaro Sardella

12:00 PM	**Case Introduction: A Patient With a Complex Distal Left Main Stenosis Case and Mild to Moderate Aortic Stenosis** **Case Presenter:** Nicolas M. Van Mieghem
12:03 PM	**Heart Team Evidence: Synthesizing the PCI vs CABG Left Main Data From EXCEL, NOBLE, and SYNTAX** Bernard J. Gersh
12:11 PM	**Should a Hybrid Revascularization Strategy for Left Main Disease Be Considered?** John D. Puskas
12:17 PM	**Audience Vote: How Would You Treat This Patient?** **Poll Moderator:** James B. Hermiller Jr.
12:20 PM	**Case Conclusion: A Patient With a Complex Distal Left Main Stenosis Case and Mild to Moderate Aortic Stenosis – How I Treated** **Case Presenter:** Nicolas M. Van Mieghem
12:23 PM	**Roundtable Discussion With Audience Q&A**

12:31 PM - 1:20 PM

Session II. Complex Structural Heart Disease Decisions

Moderator: Alfredo Trento
Discussants: Keith B. Allen, Anita Asgar, Adnan K. Chhatriwalla, Matthias Götberg, Ganesh Manoharan, Mathew Williams

	12:31 PM	**Options for Aortic Stenosis and Prosthesis-Patient Mismatch: Reoperation, Fracture, Supra-annular Valve, Balloon Valvuloplasty, Other** David J. Cohen
	12:38 PM	**When to Use Cerebral Protection During TAVR** Alexandra J. Lansky
	12:45 PM	**Roundtable Discussion With Audience Q&A**
	12:50 PM	**A Pregnant Woman With Severe Prosthetic Valve Stenosis** **Case Presenter:** Jeffrey J. Popma
	12:57 PM	**Roundtable Discussion With Audience Q&A**
	1:00 PM	**Transseptal TMVR In MAC in a Patient With Septal Hypertrophy: Role of Pre-emptive Alcohol Septal Ablation** **Case Presenter:** Mayra Guerrero
	1:07 PM	**Roundtable Discussion With Audience Q&A**
	1:10 PM	**Hemolysis After TMVR** **Case Presenter:** David W.M. Muller
	1:17 PM	**Roundtable Discussion With Audience Q&A**
1:20 PM - 2:00 PM	**Session III. More Complex Structural Heart Disease Decisions** **Moderators:** A. Pieter Kappetein, Georg Nickenig **Discussants:** Suzanne J. Baron, Dharam J. Kumbhani, Ramon Quesada, Amit Segev, Didier Tchetche, Miguel Sousa Uva	
	1:20 PM	**Concomitant Severe Tricuspid and Mitral Regurgitation: Is There a Role for Concurrent Transcatheter Therapy?** **Case Presenter:** Maurizio Taramasso
	1:27 PM	**Roundtable Discussion With Audience Q&A**
	1:30 PM	**Concomitant Severe Aortic Stenosis and Mitral Regurgitation: Is There a Role for Concurrent Transcatheter Therapy?** **Case Presenter:** Joachim Schofer
	1:37 PM	**Roundtable Discussion With Audience Q&A**
	1:40 PM	**MitraClip or TAVR With Left Atrial Appendage Closure** **Case Presenter:** Ramon Quesada
	1:47 PM	**Roundtable Discussion With Audience Q&A**
	1:50 PM	**Transcatheter Tricuspid Intervention With a Twist** **Case Presenter:** Duane S. Pinto
	1:57 PM	**Roundtable Discussion With Audience Q&A**

Hot Topic Lunch: Peripheral Drug-Coated Balloon Technologies, Applications, and Outcomes

Wednesday, November 1
12:00 PM - 2:00 PM
Colorado Convention Center
Room 702/704, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 12:50 PM

Session I. DCB for Femoro-Popliteal Disease: Randomized Clinical Trial Updates

Moderators: William A. Gray, Thomas Zeller
Discussants: Tony Das, Sahil A. Parikh, Peter A. Schneider, Mitchell Weinberg

12:00 PM	**DCB Architecture: Technical Features Determining Long-term Safety and Efficacy** Juan F. Granada
12:10 PM	**Long-Term Data With "Standard-Dose" DCB Technologies (IN.PACT SFA and the Consequent Trial)** Peter A. Schneider
12:20 PM	**Long-term Data With "Lower-Dose" DCB Technologies (LEVANT, ILLUMINATE, RANGER)** Mitchell Weinberg
12:30 PM	**Impact of DCB Technique on Long-term Vessel Patency: Can Clinical Outcomes Be Optimized?** Thomas Zeller
12:40 PM	**Roundtable Discussion With Audience Q&A**

12:50 PM - 2:00 PM

Session II. DCB Use in the Real-world and the Role of Ancillary Devices

Moderators: Sahil A. Parikh, Thomas Zeller
Discussants: Gary M. Ansel, Tony Das, William A. Gray, Peter A. Schneider, Mitchell Weinberg

12:50 PM	**DCB Data in Real-world Registries: Back to Reality?** Gary M. Ansel
1:00 PM	**DCB Data in Specific Lesion Subsets: ISR, CTO, and Beyond** Sahil A. Parikh
1:10 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM	**DCB for Long Lesions and Highly Calcified Vessels I: Are Outcomes Improved by Routine Atherectomy?** Krishna J. Rocha-Singh
1:23 PM	**DCB for Long Lesions and Highly Calcified Vessels II: Are Outcomes Improved With Non-Atherectomy Approaches (Scoring, Cutting, Lithoplasty, and More)** Peter A. Schneider
1:31 PM	**Roundtable Discussion With Audience Q&A**
1:36 PM	**DCB Versus DES for SFA Disease: Data Review and Future Clinical Trials** Jihad A. Mustapha
1:44 PM	**DCB Under Development: Alternative Drugs and Local Delivery Methods** William A. Gray
1:52 PM	**Roundtable Discussion With Audience Q&A**

Hot Topic Lunch: Radiation Management in the Interventional Environment

Wednesday, November 1
12:00 PM - 2:00 PM
Colorado Convention Center
Room 703, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 1:05 PM	**Session I. Basic Concepts** **Moderator:** Stephen Balter **Discussants:** Charles E. Chambers, Sanjog Kalra, Edwin M. Leidholdt, Jr.

	12:00 PM	**Introduction and Pretest** Stephen Balter
	12:10 PM	**Overview of Physics and Radiobiology** Stephen Balter
	12:25 PM	**Physician and Staff Radiation Protection** Edwin M. Leidholdt, Jr.
	12:40 PM	**Patient Radiation Management: General** Charles E. Chambers
	12:55 PM	**Roundtable Discussion With Audience Q&A**

1:05 PM - 2:00 PM

Session II. Next Level

Moderator: Stephen Balter
Discussants: Charles E. Chambers, Sanjog Kalra, Edwin M. Leidholdt, Jr.

	1:05 PM	**See Something, Say Something: Crew Resource Management** Stephen Balter
	1:20 PM	**Don't Let Disasters Happen (Again): HFMEA** Edwin M. Leidholdt, Jr.
	1:35 PM	**CHIP Radiation Strategies and Management** Sanjog Kalra
	1:50 PM	**Roundtable Discussion With Audience Q&A**

Hot Topic Lunch: Revascularization Decisions and Therapies for the Diabetic Patient

Wednesday, November 1
12:00 PM - 2:00 PM
Colorado Convention Center
Room 504, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 1:15 PM

Session I. Evidence-Based Medicine

Moderators: David J. Maron, Alan C. Yeung
Discussants: Donald Cutlip, Michael E. Farkouh, Elvin Kedhi, Norman E. Lepor, Fazila T. Malik

	12:00 PM	**Introduction and Session Goals** Alan C. Yeung
	12:02 PM	**When Should CABG Be Preferred in the Diabetic Patient?** Jack Boyd
	12:12 PM	**When Should PCI Be Preferred in the Diabetic Patient?** Sripal Bangalore
	12:22 PM	**Is There a Preferred Stent for the Diabetic Patient?** Upendra Kaul
	12:30 PM	**When Is Medical Therapy the Best Choice in the Diabetic Patient?** David J. Maron
	12:40 PM	**Current State-of-the-Art Diabetes Medical Management and Novel Therapies in Clinical Trials** Michael E. Farkouh
	12:50 PM	**Should Pre-Diabetes Affect Revascularization Decisions?** Clemens von Birgelen
	12:58 PM	**Roundtable Discussion With Audience Q&A**
1:15 PM - 2:00 PM	**Session II. Case Decision-making** **Moderators:** David J. Maron, Alan C. Yeung **Discussants:** Donald Cutlip, Michael E. Farkouh, Elvin Kedhi, Alexandra J. Lansky, Norman E. Lepor, Fazila T. Malik	

1:15 PM	**Case #1 Introduction: A Diabetic Patient With Left Main Disease – How Should We Treat?** **Case Presenter:** Jung-Min Ahn
1:19 PM	**Roundtable Discussion With Audience Q&A**
1:25 PM	**Case #1 Conclusion: A Diabetic Patient With Left Main Disease – How We Treated** **Case Presenter:** Jung-Min Ahn
1:29 PM	**Case #2 Introduction: An Asymptomatic Diabetic Patient With Normal Exercise Tolerance and Multivessel Disease – How Should We Treat?** **Case Presenter:** Frederick Feit
1:33 PM	**Roundtable Discussion With Audience Q&A**
1:39 PM	**Case #2 Conclusion: An Asymptomatic Diabetic Patient With Normal Exercise Tolerance and Multivessel Disease – How We Treated** **Case Presenter:** Frederick Feit
1:43 PM	**Case #3 Introduction: A Symptomatic Diabetic Patient With Chronic Kidney Disease and 3-Vessel Disease – How Should We Treat?** **Case Presenter:** Vasim Farooq
1:47 PM	**Roundtable Discussion With Audience Q&A**
1:53 PM	**Case #2 Conclusion: A Symptomatic Diabetic Patient With Chronic Kidney Disease and 3-Vessel Disease – How We Treated** **Case Presenter:** Vasim Farooq
1:57 PM	**Conclusions and Take-home Messages** David J. Maron

Hot Topic Lunch: Social Media in Cardiology: Applications for Clinicians and Researchers

Wednesday, November 1
12:00 PM - 2:00 PM
Colorado Convention Center
Room 501, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 12:54 PM	**Session I. Practicum on Social Media in Interventional Cardiovascular Medicine** **Moderators:** C. Michael Gibson, Shelley Wood **Discussants:** Mirvat Alasnag, Sunil V. Rao, Sheila Sahni, William M Suh

	12:00 PM	**Introduction: Why Social Media?** C. Michael Gibson
	12:02 PM	**Twitter, Facebook, and Instagram 101: The Basics** Sheila Sahni
	12:17 PM	**Roundtable Discussion With Audience Q&A**
	12:24 PM	**Case Examples of Interventionalists' Social Medial Platforms I** Mirvat Alasnag
	12:29 PM	**Case Examples of Interventionalists' Social Medial Platforms II** C. Michael Gibson
	12:34 PM	**Case Examples of Interventionalists' Social Medial Platforms III** Sunil V. Rao
	12:39 PM	**Case Examples of Interventionalists' Social Medial Platforms IV** Robert W. Yeh
	12:44 PM	**Roundtable Discussion With Audience Q&A**
12:54 PM - 2:00 PM	**Session II. Hot Topics in Social Media** **Moderators:** Stephanie Gutch, Ajay J. Kirtane **Discussants:** Mirvat Alasnag, M Chadi Alraies, Sunil V. Rao, Sheila Sahni, Shelley Wood, Robert W. Yeh	

12:54 PM	**Social Media and the Interventionalist: A Great Fit** R. Jay Widmer
1:01 PM	**Roundtable Discussion With Audience Q&A**
1:05 PM	**Social Media: The New Platform for Influence in Interventional Cardiology** Gregory D Matthews
1:12 PM	**Roundtable Discussion With Audience Q&A**
1:16 PM	**Social Media and Interventional Cardiology: High Risk or Routine?** Asif Qasim
1:23 PM	**Roundtable Discussion With Audience Q&A**
1:27 PM	**Cardiovascular Care in the Era of Facebook** Kapil Yadav
1:34 PM	**Roundtable Discussion With Audience Q&A**
1:38 PM	**WeChat and Social Media in China** Kefei Dou
1:45 PM	**Roundtable Discussion With Audience Q&A**
1:49 PM	**Promoting and Attending Interventional Cardiology Meetings Using Social Media** M Chadi Alraies
1:56 PM	**Roundtable Discussion With Audience Q&A**

Hot Topic Lunch: The Experts Clash – Devastating Debates (Sponsored by BCIS)

Wednesday, November 1
12:00 PM - 2:00 PM
Colorado Convention Center
Room 705/707, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 1:00 PM	**Session I. TAVR Controversies** **Moderators:** Adrian P. Banning, Ted Feldman **Discussants:** Stephen J.D. Brecker, Gregory P. Fontana, Julinda Mehilli, Gregory Mishkel, Michael J. Mullen, Kristine V Owen, Binita Shah

	12:00 PM	**Topic 1: Introduction and Predebate Vote – Should Oral Anticoagulation With a VKA or NOAC Be Routine After TAVR in Patients Without Known Atrial Fibrillation?** **Poll Moderator:** Adrian P. Banning
	12:03 PM	**Topic 1: Anticoagulation After TAVR Should Now be Standard of Care – PRO!** Raj Makkar
	12:10 PM	**Topic 1: Anticoagulation After TAVR Should Now be Standard of Care – CON!** Bernard Prendergast
	12:17 PM	**Questions From a Skeptical Panel to the Speakers**
	12:27 PM	**Topic 1: Postdebate Vote and Analysis – Should Oral Anticoagulation With a VKA or NOAC Be Routine After TAVR in Patients Without Known Atrial Fibrillation?** **Poll Moderator:** Ted Feldman
	12:30 PM	**Topic 2: Introduction and Predebate Vote – Should Cerebral Protection Be Used in Every TAVR?** **Poll Moderator:** Ted Feldman
	12:33 PM	**Topic 2: Protect the Brain – Cerebral Protection During TAVR Should Be Routine - PRO!** Eberhard Grube
	12:40 PM	**Topic 2: Protect the Brain – Cerebral Protection During TAVR Should Be Routine – CON!** Daniel J. Blackman
	12:47 PM	**Questions From a Skeptical Panel to the Speakers**
	12:57 PM	**Topic 2: Postdebate Vote and Analysis – Should Cerebral Protection Be Used in Every TAVR?** **Poll Moderator:** Adrian P. Banning
1:00 PM - 2:00 PM		**Session II. Coronary Controversies** **Moderators:** Nick Curzen, Fausto Feres **Discussants:** Yaron Almagor, Michel R. Le May, Molly Szerlip, Hadley Wilson, Mark A. de Belder

1:00 PM	**Topic 3: Introduction and Predebate Vote – Should PCI With Contemporary DES be Performed in >50% of Patients With Triple Vessel Disease?** **Poll Moderator:** Fausto Feres
1:03 PM	**Topic 3: PCI With Contemporary DES Is Indicated and Reasonable for a Majority of Patients With Triple Vessel Disease – PRO!** Sripal Bangalore
1:10 PM	**Topic 3: PCI With Contemporary DES Is Indicated and Reasonable for a Majority of Patients With Triple Vessel Disease – CON!** Michael E. Farkouh
1:17 PM	**Questions From a Skeptical Panel to the Speakers**
1:27 PM	**Topic 3: Postdebate Vote and Analysis – Should PCI With Contemporary DES Be Performed in >50% of Patients With Triple Vessel Disease?** **Poll Moderator:** Nick Curzen
1:30 PM	**Topic 4: Introduction and Predebate Vote – Should Advanced Hemodynamic Support Devices Be Utilized in Nearly All Patients With Cardiogenic Shock?** **Poll Moderator:** Nick Curzen
1:33 PM	**Topic 4: Advanced Hemodynamic Support Devices Improve Survival and Outcomes in Cardiogenic Shock, Justifying Their Use – PRO!** Robert F. Riley
1:40 PM	**Topic 4: Advanced Hemodynamic Support Devices Improve Survival and Outcomes in Cardiogenic Shock, Justifying Their Use – CON!** Simon Redwood
1:47 PM	**Questions From a Skeptical Panel to the Speakers**
1:57 PM	**Topic 4: Postdebate Vote and Analysis – Should Advanced Hemodynamic Support Devices Be Utilized in Nearly All Patients With Cardiogenic Shock?** **Poll Moderator:** Nick Curzen

Hot Topic Lunch: Treatment of Pulmonary Hypertension and Pulmonary Embolism

Wednesday, November 1
12:00 PM - 2:00 PM
Colorado Convention Center
Room 503, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 12:36 PM	**Session I. Management of Pulmonary Embolism With Hemodynamic Compromise** **Moderators:** Peter P. Monteleone, Thomas M. Tu **Discussants:** Salman A. Arain, Jay S. Giri, Chung-Ho Hsu, Jens Erik Nielsen-Kudsk, Ido Weinberg

	12:00 PM	**Beyond Heparin: When and How to Escalate Therapy for Acute PE (Lytics, Catheter-Based, Surgery)** Jay S. Giri
	12:10 PM	**Catheter-Based Interventions for Acute Pulmonary Embolism** Salman A. Arain
	12:20 PM	**The Pulmonary Embolism Rapid Response Team (PERT)** Peter P. Monteleone
	12:28 PM	**Roundtable Discussion With Audience Q & A**
12:36 PM - 1:22 PM	**Session II. Chronic Thromboembolic Pulmonary Hypertension (CTEPH)** **Moderators:** Ori Ben-Yehuda, Michael M. Madani **Discussants:** Rajesh Gupta, Beau Hawkins, Reda Ibrahim, Irene M. Lang, Ehtisham Mahmud, Zoltan Ruzsa	
	12:36 PM	**CTEPH Overview: Evaluation and Medical Treatment** Ori Ben-Yehuda
	12:46 PM	**Pulmonary Thromboendarterectomy: Patient Selection and Outcomes** Michael M. Madani
	12:56 PM	**Balloon Pulmonary Angioplasty I: Patient Selection and Outcomes** Irene M. Lang
	1:05 PM	**Balloon Pulmonary Angioplasty II: Technique With Case Examples** Ehtisham Mahmud
	1:14 PM	**Roundtable Discussion With Audience Q & A**
1:22 PM - 2:00 PM	**Session III. Pulmonary Hypertension: Medical Therapy and Pulmonary Artery Denervation** **Moderators:** Irene M. Lang, Ehtisham Mahmud **Discussants:** Jay S. Giri, Rajesh Gupta, Reda Ibrahim, Alex M. K. Rothman, Hang Zhang	
	1:22 PM	**Medical Therapy in Group I Pulmonary Arterial Hypertension: Efficacy and Safety** Rajesh Gupta
	1:32 PM	**Pulmonary Artery Denervation With a Radiofrequency Catheter: PADN Study Results** Hang Zhang
	1:42 PM	**Pulmonary Artery Denervation With an Ultrasound Catheter: TROPHY Study Results** Alex M. K. Rothman
	1:52 PM	**Roundtable Discussion With Audience Q&A**

Hot Topic Lunch: Vulnerable Plaque, Vulnerable Patients, and Atherosclerosis Therapies

Wednesday, November 1
12:00 PM - 2:00 PM
Colorado Convention Center
Room 708/710, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

12:00 PM - 12:37 PM

Session I. Featured Lectures

Moderators: John A. Ambrose, Y. S. Chandrashekhar
Discussants: Pamela S. Douglas, David P. Faxon, Alice K. Jacobs, Ulf Landmesser, George W. Vetrovec, Renu Virmani

12:00 PM	**Worldwide Deaths and MI From Coronary Atherosclerosis: Scope of an Epidemic** James E. Muller
12:07 PM	**Current State-of-the-Art: Identification of Vulnerable Patients and Plaques With Noninvasive Testing** James A. Goldstein
12:17 PM	**Current State-of-the-Art: Identification of Vulnerable Patients and Plaques in Patients Undergoing Coronary Angiography** Akiko Maehara
12:27 PM	**Roundtable Discussion With Audience Q&A**

12:37 PM - 1:27 PM

Session II. Diagnosis of Vulnerable Plaques and Patients, Novel Approaches

Moderators: Ik-Kyung Jang, Yoshinobu Onuma
Discussants: Feng Cao, Carlo Di Mario, Marc D. Feldman, James A. Goldstein, Akiko Maehara, Nick E. J. West

12:37 PM	**Novel Noninvasive Approaches I: CT-Based** James K. Min
12:44 PM	**Novel Noninvasive Approaches II: NaF PET** Bon-Kwon Koo
12:51 PM	**Novel Invasive Diagnostics I: OCT-Derived Imaging** Akiko Maehara
12:58 PM	**Novel Invasive Diagnostics II: NIRS-Based** David Erlinge
1:05 PM	**Novel Invasive Diagnostics III: Shear Stress Approaches (Endothelial, Wall, Plaque)** Habib Samady
1:12 PM	**Novel Invasive Diagnostics IV: Molecular Imaging** Farouc Jaffer
1:19 PM	**Roundtable Discussion With Audience Q&A**

1:27 PM - 2:00 PM

Session III. Therapy of Vulnerable Patients and Plaques

Moderators: Gregg W. Stone, Peter H. Stone
Discussants: Salvatore Brugaletta, Aloke V. Finn, Hector M. Garcia-Garcia, Maksymilian P. Opolski, Sudhir Rathore, Ron Waksman

1:27 PM	**Keynote Lecture: Personalized Treatment of the Vulnerable Patient With PCSK9 Inhibitors, Anti-inflammatory Therapies and CTEP Inhibitors** Evan A. Stein
1:42 PM	**Bioresorbable Scaffolds and Stents: From PROSPECT-ABSORB to PREVENT (With Case Examples)** Jung-Min Ahn
1:52 PM	**Roundtable Discussion With Audience Q&A**

International Session: Modern and Emerging Endovascular Techniques to Treat Complex Aortic Pathology Presented by the Bulgarian Society of Endovascular Therapy, Scottish Chapter of International Society of Endovascular Specialists (ISEVS), French Chapter of ISEVS

Wednesday, November 1
9:00 AM - 11:00 AM
Colorado Convention Center
Room 702/704, Meeting Room Level
Accreditation: none

9:00 AM - 10:00 AM

Session I: Thoracoabdominal and Juxtarenal Aortic Aneurysms

Moderators: Ivo Petrov, Zoran Stankov

9:00 AM	**Session Introduction** Ivo Petrov
9:10 AM	**Surgical Approach: Chimney Technique, Parallel Grafts, or Hybrid Approach?** Zoran Stankov
9:20 AM	**Novel Multilayer Flow Modulation (MFM) Technology for Complex Thoracoabdominal and Juxtarenal Aneurysms** Ivo Petrov
9:30 AM	**Roundtable Discussion With Audience Q&A**
9:45 AM	**Conclusions and Take-Home Messages** Ivo Petrov

10:00 AM - 11:00 AM

Session II: Aortic Dissection in Young Adolescents and Children

Moderators: Ivo Petrov, Zoran Stankov

10:00 AM	**Session Introduction** Ivo Petrov
10:10 AM	**Aortic Dissection and Genetic Connective Tissue Disorders - Overview** Zoran Stankov
10:20 AM	**First-in-Man Experience With Endovascular Treatment of Aortic Dissection in Childhood (Midterm Results of Two Cases)** **Case Presenter:** Ivo Petrov
10:35 AM	**Roundtable Discussion With Audience Q&A**
10:45 AM	**Conclusions and Take-Home Messages** Ivo Petrov

International Session: Primary PCI - Local Data and Strategies, Presented by the Algerian Group of Interventional Cardiology, the Pakistan Society Of Interventional Cardiology, and Cardiac Society of Australian and New Zealand

Wednesday, November 1
9:00 AM - 10:30 AM
Colorado Convention Center
Room 706, Meeting Room Level
Accreditation: none

9:00 AM - 10:30 AM	**Session I. Primary PCI: Local Data and Strategies** **Moderators:** Mohamed Abed Bouraghda, Bashir Hanif **Discussants:** Said Benghezel, Asadullah Bugti, Scott Harding, David W.M. Muller, Ajay Sinhal

9:00 AM	**Introduction and Session Goals** Mohamed Abed Bouraghda
9:05 AM	**Primary PCI: Data From Pakistan** Syed Nadeem Rizvi
9:15 AM	**Primary PCI: Data From Algeria** Wathik Takdemt
9:25 AM	**Primary PCI: Data From Australia/New Zealand** Ajay Sinhal
9:35 AM	**Roundtable Discussion With Audience Q&A**
9:40 AM	**Case Report From Pakistan: A Nightmare During Primary PCI of the RCA** **Case Presenter:** Asadullah Bugti
9:50 AM	**Roundtable Discussion With Audience Q&A**
9:55 AM	**Case Report From Algeria: Primary PCI With Cardiogenic Shock in a Young Patient** **Case Presenter:** Said Benghezel
10:05 AM	**Roundtable Discussion With Audience Q&A**
10:10 AM	**Case Report From Australia/New Zealand: Spontaneous Coronary Dissection - A Management Conundrum** **Case Presenter:** Scott Harding
10:20 AM	**Roundtable Discussion With Audience Q&A and Take-home Messages** David W.M. Muller

International Session: Shared Experiences - Complex and Educational Cases, Presented by Colegio Argentino de Cardioangiólogos Intervencionistas (CACI), Venezuelan Society of Cardiology, Saudi Arabian Cardiac Interventional Society (SACIS), Mexican Society of Interventional Cardiology (SOCIME), and Colegio Colombiano de Intervencionismo Cardiovascular

Wednesday, November 1
10:30 AM - 12:00 PM
Colorado Convention Center
Room 706, Meeting Room Level
Accreditation: none

10:30 AM - 12:00 PM	**Session I. Shared Experiences: Complex and Educational Cases** **Moderators:** Waqar H. Ahmed, Oscar A. Mendiz **Discussants:** Carlos Cabrera Arroyo, Carlos D Calderas, Juan F. Granada, Mohammed I Kurdi, Raul Solerno, Jorge Villegas

10:30 AM	**Introduction and Session Goals** Juan F. Granada
10:35 AM	**Saudi Arabia Presents: A Complex BVS Case** **Case Presenter:** Mohammed I Kurdi
10:45 AM	**Roundtable Discussion With Audience Q&A**
10:50 AM	**Venezuela Presents: A Complex Vascular Complication During TAVI - Solution and Lessons Learned** **Case Presenter:** Carlos D Calderas
11:00 AM	**Roundtable Discussion With Audience Q&A**
11:05 AM	**México Presents: Redefining Rotastenting - Transradial Rotational Ablation of an Underexpanded Stent in STEMI** **Case Presenter:** Carlos Cabrera Arroyo
11:15 AM	**Roundtable Discussion With Audience Q&A**
11:20 AM	**Argentina Presents: Usefulness of IVUS Guidance in Extremely Difficult TEVAR Procedure** **Case Presenter:** Raul Solerno
11:30 AM	**Roundtable Discussion With Audience Q&A**
11:40 AM	**Colombia Presents: Left Main Dissection During OM1 PCI** **Case Presenter:** Jorge Villegas
11:50 AM	**Roundtable Discussion With Audience Q&A**
11:55 AM	**Closing Remarks and Take-home Messages** Oscar A. Mendiz

International Session: Bifurcation Treatment - 2017 Approach, Presented by Groupe Atherome et Cardiologie Interventionnelle (GACI) and Colegio Argentino de Cardioangiólogos Intervencionistas (CACI)

Wednesday, November 1
1:30 PM - 3:00 PM
Colorado Convention Center
Room 706, Meeting Room Level
Accreditation: none

1:30 PM - 3:00 PM	**Session I: Bifurcation Treatment: 2017 Approach** **Moderator:** Alejandro Cherro **Discussants:** Carlos Alejandro Alvarez, Christophe Caussin, Hugo F. Londero, Ernesto M. Torresani, Eric Van Belle

1:30 PM	**Introduction and Session Objectives** Jacques Monsegu
1:33 PM	**New POT Strategy: POT and Re-POT** Carlos Alejandro Alvarez
1:41 PM	**Case #1: Focus on POT** **Case Presenter:** Jacques Monsegu
1:49 PM	**Roundtable Discussion With Audience Q&A**
1:57 PM	**Two-Stent Techniques: Different Options for Different Scenarios?** Eric Van Belle
2:05 PM	**Case #2: A Planned Two-Stent Bifurcation** **Case Presenter:** Christophe Caussin
2:13 PM	**Roundtable Discussion With Audience Q&A**
2:20 PM	**Reverse and Provisional Reverse Mini-Crush Technique** Alejandro D Fernandez
2:28 PM	**Case #3: Reverse Mini-Crush Technique** **Case Presenter:** Ernesto M. Torresani
2:36 PM	**TAP Technique and Other Bifurcation Tips and Tricks** Hugo F. Londero
2:41 PM	**Case #4: TAP Technique** **Case Presenter:** Angeles Videla Lynch
2:49 PM	**Roundtable Discussion With Audience Q&A**
2:57 PM	**Closing Remarks and Take-home Lessons** Oscar A. Mendiz

International Session: The Vast Panorama of Interventional Cardiology in India Presented by the National Interventional Council - Cardiological Society of India

Wednesday, November 1
3:30 PM - 5:00 PM
Colorado Convention Center
Room 706, Meeting Room Level
Accreditation: none

3:30 PM - 4:28 PM	**Session I. Indian Panorama of PCI** **Moderators:** Vinay K. Bahl, Amal Kumar Banerjee, Upendra Kaul **Discussants:** Rabin dra Nath Chakraborty, Sreenivas Arramraju Kumar, Manotosh Panja, Ram Deo Yadave

	3:30 PM	**Introduction and Session Goals** Ajay J. Kirtane, Manish A. Parikh
	3:32 PM	**CAD in Indians: How Is It Different From the Western World?** Sreenivas Arramraju Kumar
	3:40 PM	**Intravascular Image-Guided Complex Coronary Intervention** Rabin dra Nath Chakraborty
	3:48 PM	**The Science and Technique of Bifurcation Stenting** Vinay K. Bahl
	3:56 PM	**How to Retrieve Embolized Hardware in the Cath Lab** Manotosh Panja
	4:04 PM	**Venous Stenting: Lessons From a Large Interventional Series** Ram Deo Yadave
	4:12 PM	**Strategies for Left Main Stenting** Sreenivas Arramraju Kumar
	4:20 PM	**Roundtable Discussion With Audience Q&A**
4:28 PM - 5:00 PM	**Session II. Nightmares in the Cath Lab: Regrettable Learning Experiences** **Moderators:** Amal Kumar Banerjee, Purvez K Grant **Discussants:** Nagendra Singh Chouhan, Shivkumar Jallepalli, Gokul M. Reddy, Ram Deo Yadave	
	4:28 PM	**Case #1: A Dreaded TAVI Complication** **Case Presenter:** Nagendra Singh Chouhan
	4:34 PM	**Case #2: Left Main Coronary Artery Occlusion During Coronary Angiography** **Case Presenter:** Amal Kumar Banerjee
	4:40 PM	**Case #3: Recurrent Pseudoaneurysms Post Stenting With Stent Embolisation** **Case Presenter:** Ram Deo Yadave
	4:46 PM	**Case #4: LV Perforation** **Case Presenter:** Gokul M. Reddy
	4:52 PM	**Case #5: Unexpected Fracture of an IVUS Catheter in the LAD** **Case Presenter:** Shivkumar Jallepalli
	4:58 PM	**Conclusions and Take-home Messages** Amal Kumar Banerjee

Special TCT Endovascular Session: Endovascular Intervention Fellows Bootcamp

Wednesday, November 1
8:00 AM - 10:05 AM
Colorado Convention Center
Mile High Ballroom 4A-4B, Ballroom Level
Accreditation: CME/CNE/MOC

8:00 AM - 9:05 AM

Session I. Vascular Disease Past, Present, and Future

Moderators: Gary M. Ansel, Sahil A. Parikh
Discussants: Steven R. Bailey, Jay S. Giri, Andrew J. Klein, Ethan C Korngold

8:00 AM	**The Most Important Clinical Trials of the Past Decade in Vascular Intervention** Andrew J. Klein
8:15 AM	**Roundtable Discussion With Audience Q&A**
8:25 AM	**Highlights From the Updated PAD Guidelines and AUC** Steven R. Bailey
8:40 AM	**Roundtable Discussion With Audience Q&A**
8:50 AM	**Training in Endovascular Intervention** Sahil A. Parikh
9:00 AM	**Roundtable Discussion With Audience Q&A**

9:05 AM - 10:05 AM

Session II. Core Curriculum: So You Think You Can Be a Vascular Specialist?

Moderators: William A. Gray, Sahil A. Parikh
Discussants: Ehrin J. Armstrong, Jay S. Giri, Beau Hawkins, D. Christopher Metzger, Mehdi H. Shishehbor

9:05 AM	**Clinical Pearls in: Carotid Disease Diagnosis and Treatment** William A. Gray
9:15 AM	**Clinical Pearls in: Lower Extremity PAD Diagnosis and Treatment** Ehrin J. Armstrong
9:25 AM	**Clinical Pearls in: CLI Diagnosis and Treatment** Mehdi H. Shishehbor
9:35 AM	**Clinical Pearls in: VTE/PE Diagnosis and Treatment** Jay S. Giri
9:45 AM	**Clinical Pearls in: AAA Diagnosis and Treatment** D. Christopher Metzger
9:55 AM	**Roundtable Discussion With Audience Q&A**

Hands-On Training Center: Trans-Septal Hands-On Training Program (Sponsored by CRF Skirball Center for Innovation, Supported through educational grants from Baylis Medical, Boston Scientific Corporation and Siemens Medical Solutions USA, Inc.)

Wednesday, November 1
9:30 AM - 11:10 AM
Colorado Convention Center
Hands-on Training Center, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 11:10 AM	**Hands-On Training Center: Trans-Septal Hands-On Training Program**
9:30 AM - 9:32 AM	**Welcome Remarks** Torsten P. Vahl
9:32 AM - 9:42 AM	**Step-by-Step Trans-Septal Technique Equipment and Complications** Torsten P. Vahl
9:42 AM - 10:12 AM	**Instructional Videos**

9:42 AM	**Anatomy**
9:52 AM	**TEE**
10:02 AM	**Transseptal Technique**

10:12 AM - 11:10 AM	**Hands-On Training Stations**

10:12 AM	**Devices - Needles, Wires and Sheaths** Torsten P. Vahl
10:12 AM	**TEE (Heartworks Simulator)** Rebecca T. Hahn
10:12 AM	**Trans-septal Simulator (Simbionix)** Paul D. Mahoney
10:12 AM	**Transseptal Wet Models** Paul Mahoney, MD

11:10 AM - 11:10 AM	**Adjourn**

Exhibit Hall

Wednesday, November 1
9:00 AM - 2:00 PM
Colorado Convention Center
Exhibit Hall, Exhibit Level
Accreditation: none

9:00 AM - 2:00 PM

Visit the Exhibit Hall to learn, network, relax, and stay updated on the newest and latest in the industry. More than 120+ booths fill the large hall with the latest, cutting-edge products and services, selected just for you. Plan your visit today by sear

TCT360: Heart Failure Trials and Specific Therapies

Wednesday, November 1
8:00 AM - 10:12 AM
Colorado Convention Center
Virtual Session
Accreditation: none

8:00 AM - 10:12 AM

Heart Failure Trials and Specific Therapies

Moderators: Navin K. Kapur, Nir Uriel
Discussants: Mark B. Anderson, Daniel Burkhoff, Peter Carson, Ileana L. Pina

8:00 AM - 8:55 AM **Session I. Heart Failure Trials and Devices**

8:00 AM **Is Functional Capacity a Suitable Endpoint for Heart Failure Drug and Device Trials?**
Angeles Alonso Garcia

8:08 AM **Are LV Volumes and Remodeling Suitable Endpoints for Heart Failure Drug and Device Trials?**
James E. Udelson

8:16 AM **Devices for Cardio-Renal Failure: The Future of Heart Failure and Shock Therapies?**
Navin K. Kapur

8:24 AM **The Potential for Neuromodulation in Heart Failure**
Felix Mahfoud

8:32 AM **Aortic Arch Electrical Stimulation for Heart Failure**
Jozef Bartunek

8:40 AM **Roundtable Discussion**

8:55 AM - 9:05 AM **Break**

9:05 AM - 10:12 AM **Session II. VADs and Artificial Hearts**

9:05 AM **ENDURANCE of MOMENTUM: Destination Therapy State-of-the-Art**
Ulrich P. Jorde

9:15 AM **HVAD/MVAD/CircuLite Update**
Daniel Burkhoff

9:23 AM **Heart Mate III: Has the Problem of Thrombus Been Solved?**
Nir Uriel

9:31 AM **Heart Assist 5: Continuous, Remote Flow Monitoring**
Valluvan Jeevanandam

9:39 AM **Syncardia: Progress With a Total Artificial Heart**
Francisco A Arabía

9:47 AM **Acute and Chronic Right-Sided Support**
Navin K. Kapur

9:57 AM **Roundtable Discussion**

TCT360: Transcatheter Aortic Valve Therapies IV Virtual – Complex Case Management & Clinical Highlights

Wednesday, November 1
8:00 AM - 11:50 AM
Colorado Convention Center
Virtual Sessions
Accreditation: none

8:00 AM - 8:50 AM **Session I: TAVR Complex Case Management**

Moderator: Gregory P. Fontana
Discussants: Mohamed Abdel-Wahab, Marco Barbanti, Itshac Itsik Ben-dor, David L. Brown, Hemal Gada

	8:00 AM	**TAVR for Severe AS… and Hypertrophic Cardiomyopathy** Amar Krishnaswamy
	8:08 AM	**TAVR for Severe AS… With a Small Aortic Annulus** Josep Rodés-Cabau
	8:16 AM	**TAVR for Low-gradient AS (Normal and Reduced LVEF) – Diagnosis and Management** Julinda Mehilli
	8:24 AM	**TAVR for Severe AS …Due to Bicuspid Aortic Valve Disease** Alexander Lauten
	8:32 AM	**TAVR for Severe AS … and Chronic Kidney Disease** Saif Anwaruddin
	8:40 AM	**Roundtable Discussion**
8:50 AM - 9:00 AM	**Break**	
9:00 AM - 9:50 AM	**Session II: TAVR Procedural Considerations** **Moderators:** Torsten P. Vahl, Mathew Williams **Discussants:** Nirat Beohar, Stanley J. Chetcuti, Alaide Chieffo, Evald H. Christiansen	
	9:00 AM	**How to… Manage Coronary Obstruction (Threatened or Actual) During TAVR** Torsten P. Vahl
	9:08 AM	**How to… Diagnose and Manage Moderate or Severe PVL after TAVR** Omar K. Khalique
	9:16 AM	**How to… Manage Severe LVOT Calcium With TAVR** Mathew Williams
	9:24 AM	**How to… Manage Conduction Abnormalities and Pacemaker Implantation (temporary and permanent) After TAVR** Steven J. Yakubov
	9:32 AM	**How to… Manage a Stroke After TAVR** Stephen R. Ramee
9:50 AM - 10:00 AM	**Break**	
10:00 AM - 10:50 AM	**Session III: TAVR Case Planning Considerations** **Moderators:** Charles J. Davidson, Mathew Williams **Discussants:** John K. Forrest, Neal S. Kleiman, Helge Möllmann	

	10:00 AM	**Adjunctive Pharmacotherapy after TAVR – Settled and Unsettled Issues** Luis Nombela-Franco
	10:08 AM	**"Alternative" (Non-femoral) Vascular Access for TAVR – Choices and Preferences** Daniel J. Blackman
	10:16 AM	**Borderline Valve Sizing Dilemmas – The "In-Between" Size and Too Large Annulus** Albert Markus Kasel
	10:24 AM	**Recommendations for Cerebral Protection during TAVR – Selective vs. Systematic and "Special" Circumstances** Julia Seeger
	10:32 AM	**Identifying Optimal Patients for "Minimalist" TAVR – Clinical and Anatomic Guidelines** Ruby Satpathy
	10:40 AM	**Roundtable Discussion**
10:50 AM - 11:00 AM	**Break**	
11:00 AM - 11:50 AM	**Session IV: TAVR and Aortic Stenosis Clinical Highlights** **Moderators:** Bernard Prendergast, Brian K. Whisenant **Discussants:** Mauricio G. Cohen, Creighton W. Don, Maurizio Taramasso, David X. Zhao	
	11:00 AM	**Infective Endocarditis after TAVR: Incidence and Clinical Management Decisions** Bernard Prendergast
	11:08 AM	**Bio-Echocardiography to Monitor PVL during and after TAVR: The Case for Point-of-Care Von Willebrand Factor Testing** Eric Van Belle
	11:16 AM	**Identifying the "Futile" Severe AS Patient - Who Shouldn't Be Treated With TAVR?** David J. Cohen
	11:24 AM	**Asymptomatic Severe Aortic Stenosis: To Treat or to Watch?** Allan Schwartz
	11:32 AM	**Multimodality Imaging to Risk Stratify Patients With Aortic Stenosis** Victoria Delgado
	11:40 AM	**Roundtable Discussion**

TCT360: Metallic Stents- Devices and Outcomes Part III

Wednesday, November 1
10:30 AM - 12:49 PM

Colorado Convention Center
Virtual Session
Accreditation: none

10:30 AM - 11:35 AM **Session VI. Polymer-Free DES**

Moderators: Mitchell W. Krucoff, Chaim S. Lotan
Discussants: Didier Carrié, Jens Flensted Lassen, Duk-Woo Park, Alfredo E. Rodriguez

10:30 AM	**Theoretical Beneficial Effects of Eliminating the Polymer From DES: From Mechanical Issues to Biocompatibility** Renu Virmani
10:37 AM	**Defining the High Bleeding Risk Patient: Consensus and Knowledge Gaps** Marie-Claude Morice
10:45 AM	**Polymer-Free Drug-Filled Stent and Updated REVELUTION Results** Stephen G. Worthley
10:55 AM	**BioFreedom: LEADERS FREE Long-term Results and LEADERS FREE II Design** Philip M. Urban
11:05 AM	**Yukon and Coroflex ISAR Polymer-Free DES: Clinical Outcomes and Future Directions** Robert A. Byrne
11:15 AM	**Cre8: Novel Attributes and Clinical Trial Program Update** Alaide Chieffo
11:23 AM	**Roundtable Discussion: Should the High Bleeding Risk Patient Be Treated With a Polymer-Free**

11:35 AM - 11:45 AM **Break**

11:45 AM - 12:49 PM **Session VII. Focus on Calcified Lesions and Lesion Preparation**

Moderators: Salvatore Brugaletta, Philippe Genereux
Discussants: Jeff Chambers, Nabil Dib, Yoshiaki Ito, Michael S. Lee

11:45 AM	**Opening Address: Lesion Preparation Is the Most Underappreciated But Essential Component of Optimal PCI for Metallic DES and BRS** Nick E. J. West
11:53 AM	**Case Presentation (With Discussion): How to Treat This Heavily Calcified Vessel?** **Case Presenter:** Ramon Quesada
12:01 PM	**Cutting, Scoring, and Chocolate Balloons for Calcified and Resistant Lesions: When Is Atherectomy Not Needed?** Ehtisham Mahmud
12:08 PM	**Rotational Atherectomy for Calcified Lesions: Insights From ROTAXUS, PREPARE-CALC, and More** Mohamed Abdel-Wahab
12:16 PM	**Orbital Atherectomy Update and the ECLIPSE Trial** Ajay J. Kirtane
12:24 PM	**Effects of Orbital vs Rotational Atherectomy on the Coronary Microcirculation** Ziad A. Ali
12:31 PM	**Shockwave Therapy for Calcified Coronary Lesions: Device, Data, and Case Reviews** Jonathan M. Hill
12:39 PM	**Roundtable Discussion: What Is Appropriate Lesion Preparation?**

TCT360: Highest Peer-Reviewed Oral Abstracts of TCT 2017 (Sponsored by EuroIntervention and Catheterization and Cardiovascular Interventions)

Wednesday, November 1
1:15 PM - 3:45 PM
Colorado Convention Center
Virtual Session
Accreditation: none

1:15 PM - 2:15 PM	**Session I. TAVR** **Moderators:** Steven R. Bailey, Patrick W. Serruys **Discussants:** J. Dawn Abbott, Bernhard Reimers, Corrado Tamburino

	1:15 PM	**TCT 105: Clinical Valve Thrombosis After Transcatheter Aortic Valve-in-Valve Implantation for Degenerated Bioprosthetic Valves: Incidence, Characteristics, and Outcomes** Mohamed Abdel-Wahab
	1:25 PM	**Roundtable Discussion**
	1:30 PM	**TCT 8391: Atrial Fibrillation Is Associated With Increased Mortality in Intermediate-Risk Patients Undergoing TAVR or SAVR - Insights From the PARTNER 2A and PARTNER 2 S3i Trials** Angelo Biviano, MD
	1:40 PM	**Roundtable Discussion**
	1:45 PM	**TCT 107: Transcatheter Aortic Valve Replacement With a Self-Expanding Prosthesis or Surgical Aortic Valve Replacement in Intermediate-Risk Patients: Complete 1-Year Outcomes From the SURTAVI Trial** Nicolas M. Van Mieghem
	1:55 PM	**Roundtable Discussion**
	2:00 PM	**TCT 108: Debris Heterogeneity Across Different Valve Types Captured by a Cerebral Protection System During TAVR** Tobias Schmidt, MD
	2:10 PM	**Roundtable Discussion**
2:15 PM - 3:15 PM	**Session II. PCI and STEMI** **Moderator:** Patrick W. Serruys **Discussants:** J. Dawn Abbott, Theodore A. Bass, Marc D. Feldman, Bernhard Reimers, Corrado Tamburino	
	2:15 PM	**TCT 109: Ten-year Clinical Outcome in Patients With Coronary Chronic Total Occlusions Not Revascularized by Percutaneous Coronary Intervention** Cosmo Godino, MD
	2:25 PM	**Roundtable Discussion**
	2:30 PM	**TCT 110: Periprocedural Myocardial Infarction and Mortality in Patients Undergoing PCI vs CABG for Left Main Disease - Analysis From the EXCEL Trial** Ori Ben-Yehuda
	2:40 PM	**Roundtable Discussion**
	2:45 PM	**TCT 111: Outcomes of Percutaneous Coronary Intervention for Acute Myocardial Infarction in Female Patients** Konstantinos Voudris
	2:55 PM	**Roundtable Discussion**
	3:00 PM	**TCT 112: Effect of Local Hypothermia on Outcomes in Patients With ST-segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention - A Pilot Clinical Study** Liansheng Wang, MD
	3:10 PM	**Roundtable Discussion**

3:15 PM - 3:45 PM	**Closed Session to Discuss Winner for Highest Peer-Reviewed Oral Abstract** **Discussants:** J. Dawn Abbott, Theodore A. Bass, Marc D. Feldman, Bernhard Reimers, Patrick W. Serruys, Corrado Tamburino

Moderated Poster Session: Adjunct Pharmacology After PCI: DAPT

Wednesday, November 1
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 8, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**Adjunct Pharmacology After PCI: DAPT** **Moderators:** Mark B. Effron, Ricardo Sanz-Ruiz **Discussants:** Andrea Abizaid, Usman Baber, Mina Madan

9:30 AM	**TCT 545: Individualizing DAPT Duration After Coronary Stenting for Patients at High Bleeding Risk – The LEADERS FREE Trade-Off Score** Philip M. Urban
9:37 AM	**Discussion**
9:42 AM	**TCT 546: Performance of the Dual AntiPlatelet Therapy (DAPT) Score in the ADAPT-DES Study** Sorin J. Brener
9:49 AM	**Discussion**
9:54 AM	**TCT 547: Comparison of Clinical Outcomes Between Ticagrelor and Prasugrel in Patients With ST-Segment Elevation Myocardial Infarction** Jumin Won, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 548: Short vs Long DAPT Following PCI, A Systematic Review, and Meta-Analysis.** Pieter R. Stella
10:13 AM	**Discussion**
10:18 AM	**TCT 549: CHANGE DAPT: Clopidogrel or Ticagrelor in Acute Coronary Syndrome Patients Treated With Newer-Generation Drug-Eluting Stents** Paolo Zocca, MD
10:25 AM	**Discussion**

Moderated Poster Session: Bifurcation Lesion Intervention

Wednesday, November 1
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 6, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM **Bifurcation Lesion Intervention**

Moderators: Ariel Finkelstein, Issam D. Moussa
Discussants: Aaron V. Kaplan, Sreenivas Arramraju Kumar, Indulis Kumsars

9:30 AM	**TCT 535: Intracoronary Electrocardiographic Parameters Predict Mortality Rates at Mid-Term Follow-Up (Up to 60 Months) After Stenting Coronary Bifurcation Lesions** Kiril Karamfiloff, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 536: Bifurcation Coronary Artery Stenting: Impact of Access Site on Procedural Outcomes** Ali Elfandi, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 537: Stenting of Coronary Bifurcation Lesions With Bioresorbable Everolimus-Eluting Scaffolds. Poznan Bifurcation-Absorb Registry** Magdalena Lanocha, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 538: Angiographic and Mid-Term Clinical Outcomes of Bioresorbable Vascular Scaffold for Coronary Bifurcation Lesions. Data from Maasstad Hospital.** Valeria Paradies, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 539: Impact of a Novel Advanced Robotic Wiring Algorithm on Time to Wire a Coronary Artery Bifurcation in a Porcine Model** Sunil V. Rao
10:25 AM	**Discussion**

Moderated Poster Session: Mechanical Support and Cardiogenic Shock - I

Wednesday, November 1
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 1, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM

Mechanical Support and Cardiogenic Shock - I

Moderators: Michael J. Lim, James M. McCabe
Discussants: Robb Kociol, Michael Mooney, Poonam Velagapudi, Suzanne de Waha

9:30 AM	**TCT 649: Ventricular Unloading by Impella® Support Reduces Pulmonary Congestion in Patients With Cardiogenic Shock** Patrick Horn, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 511: Does Pulmonary Artery Catheterization Improve In-hospital Outcomes in Patients With Cardiogenic Shock: ANALYSIS FROM NATIONAL INPATIENT SAMPLE (NIS)** Gursukhmandeep Sidhu, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 512: Intra-Aortic Balloon Pump and peripheral LVAD for treatment of Cardiogenic Shock: A Meta-Analysis** Mohammad Ansari, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 513: The Impella Micro-axial Flow Catheter is Safe and Effective for Treatment of Myocarditis Complicated by Cardiogenic Shock: An Analysis from the Global cVAD Registry** Shiva Annamalai, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 514: Bi-ventricular Mechanical Support: Predicting Success** Joern Tongers, MD
10:25 AM	**Discussion**

Moderated Poster Session: MitraClip - I

Wednesday, November 1
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Poster 1, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM

MitraClip - I

Moderators: David Meerkin, Didier Tchetche
Discussants: Mackram F. Eleid, Antonio Fiarresga, Paul A. Grayburn

9:30 AM	**TCT 540: Percutaneous Mitral Valve Repair: Refining Selection Criteria** Juliëtte Velu, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 541: Multi-center Experience of MitraClip Therapy in Patients With Ischaemic and Non-ischaemic Functional Mitral Regurgitation: 2-year Outcomes** Mauro Chiarito
9:49 AM	**Discussion**
9:54 AM	**TCT 542: Incidence and Predictors of Left Ventricular Negative Remodeling after MitraClip treatment in Patients With Functional Mitral Regurgitation.** Barbara Bellini, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 543: Long-term Outcome after Successful MitraClip Implantation in High-risk Patients** Edith Lubos, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 544: The Impact of Residual Mitral Regurgitation <1+ Following MitraClip Therapy on Long-term Outcome** Eike Tigges, MD
10:25 AM	**Discussion**

Moderated Poster Session: PCI Complications - I

Wednesday, November 1
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 4, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**PCI Complications - I** **Moderators:** Steven R. Bailey, Carey D. Kimmelstiel **Discussants:** Kais BATTIKH, Diego D Grinfeld, Sherif Wagdy Ayad Helmy, Linda Lison

9:30 AM	**TCT 525: "Blind“ Pericardiocentesis – A Comparison of Different Puncture Directions** Nils Petri, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 526: Mid-term Clinical Outcomes After Bailout Stenting With Drug-eluting Stent for Suboptimal Results of Drug-coated Balloon; Milan Registry** Saturo Mitomo, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 527: Coronary Guide Wires: A Source of Foreign Material Emboli? Scanning Electron Microscopy Analysis of Coronary Guidewires** Deborah Kalkman, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 528: Use of Guideline Directed Medical Therapy and Outcomes in Patients With High Risk of Bleeding Undergoing Percutaneous Coronary Intervention In Contemporary Clinical Practice** Sabato Sorrentino, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 529: Increased Mortality Among Patients With Coronary Artery Dissection in the United States From 2003 to 2012** Kasra Moazzami, MD
10:25 AM	**Discussion**

Moderated Poster Session: Progression/Regression and Plaque Composition

Wednesday, November 1
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**Progression/Regression and Plaque Composition** **Moderators:** Michael Joner, Yasunori Ueda **Discussants:** John A. Ambrose, Feng Cao, Takashi Kubo

9:30 AM	**TCT 530: The Combination of Rosuvastatin (10mg) and Eicosapentaenoic Acid (1800mg) Improved Native Coronary Plaques > 5.7 Years after Stent Implantation** Youichirou Sugizaki, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 531: Statin Therapy and Change in Fibrous Cap Thickness: Meta-Analysis of Optical Coherence Tomography Assessment** Arun Kanmanthareddy, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 532: Chronic Darapladib Use Does Not Affect Coronary Plaque Composition Assessed Using Multimodality Intravascular Imaging Modalities: A Randomized-Controlled Study** Megha Prasad, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 533: Optical Coherence Tomography Comparison of Fibrous Plaque Morphology in Hemodynamically Relevant Intermediate Coronary Stenoses as Determined by Fractional Flow Reserve** Mariusz Tomaniak, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 534: Triglyceride Levels are an Independent Predictor of Major Adverse Cardiovascular Outcomes In Women With Nonobstructive Coronary Artery Disease** Megha Prasad, MD
10:25 AM	**Discussion**

Moderated Poster Session: TAVR and Mitral Valve Disease

Wednesday, November 1
9:30 AM - 10:30 AM
Colorado Convention Center
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:30 AM	**TAVR and Mitral Valve Disease** **Moderator:** Gregory P. Fontana **Discussants:** Itshac Itsik Ben-dor, David L. Brown

9:30 AM	**TCT 515: The Impact of Trans-catheter Aortic Valve Replacement on Coexisting Mitral Regurgitation** Akihiro Kobayashi, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 516: Transcatheter Aortic Valve Replacement in the Presence of Mitral Prosthesis or Ring** Amit Segev
9:49 AM	**Discussion**
9:54 AM	**TCT 517: Changes in Aortomitral Annular Angle After Transcatheter Aortic Valve Replacement: Implications for Transcatheter Mitral Valve Replacement?** Syed Zaid, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 784: Evolution of TAVI Over A Seven-Year Period – A Single-Centre Experience In 2,000 Patients (TAVIK Registry)** Gerhard Schymik, MD
10:13 AM	**Discussion**
10:18 AM	**TCT 519: TAVI vs SAVR in Patients With a History of Previous Cardiac Surgery: A National Inpatient Sample Database Analysis** Nikhil Nalluri, MD
10:25 AM	**Discussion**

Moderated Poster Session: Utility of Imaging When Planning LAA Closure

Wednesday, November 1
9:30 AM - 10:18 AM
Colorado Convention Center
Moderated Poster 1, Exhibit Hall, Exhibit Level
Accreditation: none

9:30 AM - 10:18 AM	**Utility of Imaging When Planning LAA Closure** **Moderators:** Reda Ibrahim, G. Burkhard Mackensen **Discussant:** Kevin L Thomas

9:30 AM	**TCT 521: The Value of 3D Printed Models for Device Sizing in Percutaneous Left Atrial Appendage Occlusion** Vlad Ciobotaru, MD
9:37 AM	**Discussion**
9:42 AM	**TCT 522: Quantification of the Relationship Between the Left Atrium Pressure and the Ostial Diameter of the Left Atrial Appendage: A Patient-Specific Simulation Study** Tianqi Gao, MD
9:49 AM	**Discussion**
9:54 AM	**TCT 523: Innovative 3D Computed Tomography (CT) Modeling and Image Analyses to Optimize Left Atrial Appendage Closure** Dominik Wiktor, MD
10:01 AM	**Discussion**
10:06 AM	**TCT 524: 3D-Printed Heart Model to Guide LAA Closure** Stephane Noble
10:13 AM	**Discussion**

Moderated Poster Session: Adjunct Pharmacology After PCI: Non-DAPT Decisions

Wednesday, November 1
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 8, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**Adjunct Pharmacology After PCI: Non-DAPT Decisions** **Moderators:** Dimitrios Alexopoulos, Dirk Sibbing **Discussants:** Piera Capranzano, Bill French, Kurt Huber, Stephen W Waldo

10:30 AM	**TCT 840: Impact of Insulin-Treated Diabetes Mellitus on Clinical Outcomes of Patients After Stent Implantation for Left Main Coronary Artery: A Report From the Multicenter AOI LMCA Stenting Registry** Kazuki Matsushita, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 584: A Randomized, Pharmacodynamic Comparison of Low Dose Ticagrelor to Clopidogrel in Patients With Prior Myocardial Infarction: The ALTIC Study** Dimitrios Alexopoulos
10:49 AM	**Discussion**
10:54 AM	**TCT 585: Effect of High Dose of Rosuvastatin on the Serum Concentration of Inflammatory Markers in the Acute Phase of Percutaneous Coronary Intervention With Metal Stent Implantation** Jose de Ribamar Costa Jr
11:01 AM	**Discussion**
11:06 AM	**TCT 587: In-Hospital Switching Between Adenosine Diphosphate Receptor Inhibitors in Patients With Acute Coronary Syndrome Treated With Percutaneous Coronary Intervention** Kyle Buchanan, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 586: Alirocumab Efficacy and Safety in Patients With Prior Coronary Revascularization** Dean J. Kereiakes
11:25 AM	**Discussion**

Moderated Poster Session: Adjunct Pharmacology After TAVR

Wednesday, November 1
10:30 AM - 11:18 AM
Colorado Convention Center
Moderated Posters 6, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:18 AM	**Adjunct Pharmacology After TAVR** **Moderators:** E. Murat Tuzcu, Jochen Wöhrle **Discussants:** Nicola Corvaja, Amit N Vora, Kapil Yadav

10:30 AM	**TCT 574: Bivalirudin vs Heparin in Aortic Valve Interventions: A Meta-Analysis** Anurag Bajaj, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 781: Lymphocyte Counts Are Dynamic and Associated With Survival After Transcatheter Aortic Valve Replacement** David Zidar, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 576: Should Short-Term DAPT be Indicated for Post-TAVR Patients? : A Meta-Analysis** Mohammad Ansari, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 577: Adequate P2Y12 Inhibition and Thrombocytopenia After Transcatheter Aortic Valve Replacement.** Homam Ibrahim, MD
11:13 AM	**Discussion**

Moderated Poster Session: Mechanical Support and Cardiogenic Shock - II

Wednesday, November 1
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 1, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**Mechanical Support and Cardiogenic Shock - II** **Moderators:** J. Dawn Abbott, George W. Vetrovec **Discussants:** Alfonso Ielasi, Rajiv Jauhar, Graham Nichol, Ajay V. Srivastava

10:30 AM	**TCT 550: Comparative Clinical Outcomes With the Initial Use of Impella CP vs Impella 5.0 Devices in Patients With Severe Cardiogenic Shock** Rikin Tank, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 551: Lactate Clearance is a Prognostic Marker for Survival in Cardiogenic Shock Receiving Early Percutaneous Mechanical Circulatory Support** Shailendra Singh, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 552: Impact of Timing of Intraaortic Balloon Counterpulsation on Mortality in Cardiogenic Shock – A Subanalysis of the IABP-SHOCK II-Trial** Georg Fuernau
11:01 AM	**Discussion**
11:06 AM	**TCT 553: Percutaneous Hemodynamic Support in Patients With Cardiogenic Shock Due to Acute Myocardial Infarction** Carsten Skurk, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 554: Contemporary Trends on the Impact of Short Term Circulatory Support on Length of Stay in Patients With ST Elevation Myocardial Infarction Complicated by Cardiogenic Shock** Gursukhmandeep Sidhu, MD
11:25 AM	**Discussion**

Moderated Poster Session: MitraClip - II

Wednesday, November 1
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 7, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM

MitraClip - II

Moderators: Michael J. Rinaldi, Steven J. Yakubov
Discussants: Rahul Sakhuja, A.J. Conrad C. Smith

10:30 AM	**TCT 578: Predicting the Best-Fit Guide-Catheter Prior to Trancatheter Mitral-Repair Using 3D-Printed Models** Clare Ward, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 579: Periprocedural Pulmonary Venous Waveforms Predict Rehospitalization and Mortality after Percutaneous Mitral Valve Repair** Frank Corrigan, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 580: Outcome after Percutaneous Edge-to-edge Mitral Repair for Functional and Degenerative Mitral Regurgitation: A Systematic Review and Meta-analysis.** Mauro Chiarito, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 581: Impact of Severe Annular Dilatation in the Recurrence of Mitral Regurgitation after Percutaneous Edge-to-edge Mitral Valve Repair** Tomas Benito-González, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 582: 30-Day Readmission and Cost-effectiveness of Percutaneous Mitral Valve Repair in the United States, 2011-2014** Afnan Tariq, MD
11:25 AM	**Discussion**

Moderated Poster Session: PCI Complications - II

Wednesday, November 1
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 4, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**PCI Complications - II** **Moderators:** Pawel E. Buszman, Mamas Mamas **Discussants:** Khaldoun Ben Hamda, Ajit R Menon, Ashish Pershad, Asif Qasim, Dmitry Zverev

10:30 AM	**TCT 564: Monocenter Registry of 1248 Consecutive Patients With A Coronary Chronic Total Occlusion: Predictor Factors of Cardiac Death** Victoria Martin Yuste, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 565: Long-term Outcomes and Predictors Of Adverse Events After Successful Saphenous Vein Graft Intervention: Results From A Large Single-Center** Serdar Farhan, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 566: Stent Fracture is Associated With A Higher Mortality in Patients With Type-2 Diabetes Treated by Implantation of a Second-generation Drug-eluting Stent** Zhen Ge, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 567: Mortality and Choice of Anticoagulant, Antiplatelet and Access Site on Mortality and Bleeding After Percutaneous Coronary Intervention: Insights from the California National Cardiovascular Data Registry (NCDR)** Femi Philip, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 568: Periprocedural Myocardial Infarction After Stent Implantation in Chronic Total Occlusion Lesions: Impact of Stent Length and Occluded Length** Hiroyuki Tanaka, MD
11:25 AM	**Discussion**

Moderated Poster Session: Peripheral Vascular Disease and Interventions: Drug-Coated Balloons

Wednesday, November 1
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 3, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:18 AM	**Peripheral Vascular Disease and Interventions: Drug-Coated Balloons** **Moderators:** Eric J. Dippel, R. Stefan Kiesz **Discussants:** Owayed Al Shammeri, Lawrence A. Garcia, Peter CJM Goverde

10:30 AM	**TCT 560: Paclitaxel-Eluting Balloon vs Conventional Balloon Angioplasty for In-stent Restenosis of Superficial Femoral Artery: The ISAR-PEBIS Randomized Trial** Salvatore Cassese, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 561: Long-term Outcome With Jetstream Atherectomy With or Without Drug Coated Balloons in Treating De Novo Femoropopliteal Arteries** Nicolas W Shammas
10:49 AM	**Discussion**
10:54 AM	**TCT 562: 24 Months Outcomes of PACUS Trial: Randomized Clinical Trial to Compare Ultrasound Enhanced Delivery of Paclitaxel and DEB in Patients With Critical Limb Ischemia and Femoral/Popliteal Disease** Costantino Del Giudice
11:01 AM	**Discussion**
11:06 AM	**TCT 563: Prospective, Controlled, Clinical Randomized Trial Evaluating Novel, Microcrystalline, and Biodegradable Polymer Paclitaxel Coated Balloon for the Treatment of Femoro-Popliteal Disease (The BIOPAC trial) - One Year Outcome** Piotr Buszman, MD
11:13 AM	**Discussion**

Moderated Poster Session: Stent Fracture and In-Stent Restenosis

Wednesday, November 1
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**Stent Fracture and In-Stent Restenosis** **Moderators:** Pedro A. Lemos, Julinda Mehilli **Discussants:** Frederick Feit, Ling Tao, Ernesto M. Torresani, James R Wilkinson, Lucian Zarma

10:30 AM	**TCT 569: In-Stent Restenosis Lesion Morphology Related to New Stent Underexpansion As Evaluated by Optical Coherence Tomography** Dong Yin, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 570: Uncertain Detection of Stent Fracture by Three-Dimensional Intravascular Optical Coherence Tomography** Omeed Neghabat, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 750: First Generation vs Second Generation Drug-Eluting Stents for Restenosis With Stent Fracture After Drug-Eluting Stents Implantation** Arata Sano, MD
11:01 AM	**Discussion**
11:06 AM	**TCT 572: Similarities and Differences Between Bare Metal and Drug Eluting In-Stent Restenosis: Observations from the REWARDS ISR Registry** Rebecca Torguson, MD
11:13 AM	**Discussion**
11:18 AM	**TCT 573: Characterization of Edge Effects With Second-generation Drug-eluting Absorbable Metal Scaffold Assessed by Optical Coherence Tomography, Intravascular Ultrasound Grayscale, and Virtual Histology at 6- and 12-months: A Biosolve II Substudy.** Hector M. Garcia-Garcia
11:25 AM	**Discussion**

Moderated Poster Session: TAVR and Pacemaker Implantation

Wednesday, November 1
10:30 AM - 11:30 AM
Colorado Convention Center
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

10:30 AM - 11:30 AM	**TAVR and Pacemaker Implantation** **Moderators:** Gary Gershony, Christopher U. Meduri **Discussants:** Adnan K. Chhatriwalla, Anibal A. Damonte, Shivkumar Jallepalli, Dmitry Stolyarov

10:30 AM	**TCT 555: Post-Balloon Dilation Following TAVR Implantation Increases Pacemaker Dependency** Ajay Yadlapati, MD
10:37 AM	**Discussion**
10:42 AM	**TCT 556: Exposure to Glucocorticoids Prior to Transcatheter Aortic Valve Replacement is Associated With Reduced Incidence of High-Degree AV Block and Pacemaker** Santiago Garcia, MD
10:49 AM	**Discussion**
10:54 AM	**TCT 557: Predictors of Advanced Conduction Disturbances Requiring a Late (Greater Than or Equal To 48 hours) Permanent Pacemaker Following Transcatheter Aortic Valve Implantation** Damiano Regazzoli
11:01 AM	**Discussion**
11:06 AM	**TCT 558: Impact of an Electrophysiology Study Guided PPM Implantation Strategy After TAVR** Toby Rogers
11:13 AM	**Discussion**
11:18 AM	**TCT 559: Development and Validation of a Risk Prediction Model for Permanent Pacemaker Implantation after Transcatheter Aortic Valve Replacement** Abhijeet Dhoble, MD
11:25 AM	**Discussion**

Moderated Poster Session: Mechanical Support and Cardiogenic Shock - III

Wednesday, November 1
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 1, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Mechanical Support and Cardiogenic Shock - III** **Moderator:** William M Suh **Discussants:** Marwan F. Jumean, Venu Menon, Danny Ramzy, Paul Rees

11:30 AM	**TCT 588: Percutaneous Short-Term Active Mechanical Support Devices in Cardiogenic Shock: A Systematic Review and Collaborative Meta-Analysis of Randomized Trials** Suzanne de Waha
11:37 AM	**Discussion**
11:42 AM	**TCT 589: Meta-analysis of Early Initiation of Impella in Acute Myocardial Infarction and Cardiogenic Shock** Abdur Khan, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 590: Results And Outcome Predictors of Impella-Protected PCI In High Risk Patients: A Two-Centre Experience** Osama Shoeib
12:01 PM	**Discussion**
12:06 PM	**TCT 591: First-in-Human Experience With Aortix Intra-Aortic Pump** Manesh R. Patel
12:13 PM	**Discussion**
12:18 PM	**TCT 592: Primary Left Ventricular Unloading Infarct Size by Increasing Myocardial Levels of Stromal Derived Factor One Alpha (SDF1a) in Acute Myocardial Infarction** Shiva Annamalai, MD
12:25 PM	**Discussion**

Moderated Poster Session: Mitral Stenosis and Mitral Annular Calcification

Wednesday, November 1
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 7, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Mitral Stenosis and Mitral Annular Calcification** **Moderators:** Olaf Franzen, Jacqueline Saw **Discussants:** Philipp Blanke, Randolph P. Martin, Sherif F. Nagueh

11:30 AM	**TCT 613: Natural History of Mitral Stenosis in Patients with Mitral Annular Calcification** Rayji Tsutsui, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 614: Simulated Neo-Left Ventricular Outflow Tract predicts Transvalvular Aortic Gradients Following Transatrial Balloon-Expandable Valve Replacement for the Treatment of Severe Mitral Annular Calcification** Fabien Praz, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 615: Impact of Mitral Annular Calcification on Clinical Outcomes after Transcatheter Aortic Valve Implantation** Damiano Regazzoli
12:01 PM	**Discussion**
12:06 PM	**TCT 616: Immediate Echocardiographic and Hemodynamic Outcome of Percutaneous Transvenous Mitral Commissurotomy in Elderly Bangladeshi Patients** Toufiqur Rahman, MD
12:13 PM	**Discussion**
12:18 PM	**TCT 617: Implantation of Commercially Available Transcatheter Heart Valves (THV) for Treatment of Native Calcific Mitral Stenosis: Results from the First German THV Mitral Stenosis Registry** Johannes Schirmer, MD
12:25 PM	**Discussion**

Moderated Poster Session: Operator Volumes and Outcomes

Wednesday, November 1
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 4, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Operator Volumes and Outcomes** **Moderators:** Christopher D. Nielsen, Christian M. Spaulding **Discussants:** Juying Qian, Maxim Sokolov, Roman Tarasov

11:30 AM	**TCT 604: Impact of High Operator Volume on Mortality With Contemporary PCI** Evan Shlofmitz
11:37 AM	**Discussion**
11:42 AM	**TCT 603: Learning Curve for Transradial Coronary Angiography Amongst Trainees** Bharat Khialani, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 605: Examining the Operator Learning Curve for Percutaneous Coronary Intervention of Chronic Total Occlusions** Michael Young, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 606: Operator Volume is not Associated With Mortality Following Percutaneous Coronary Intervention: Insights From the British Cardiovascular Intervention Society Registry.** Mamas Mamas
12:13 PM	**Discussion**
12:18 PM	**TCT 725: Clinical Outcomes of Chronic Total Occlusion Percutaneous Coronary Intervention - A 5-year Experience in a Non-Surgical Centre** Eunice Onwordi, MD
12:25 PM	**Discussion**

Moderated Poster Session: Plaque Modification Before Stent Implantation

Wednesday, November 1
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 5, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Plaque Modification Before Stent Implantation** **Moderators:** Jeffrey G. Carr, Margaret B. McEntegart **Discussants:** Arasi Maran, Perwaiz M. Meraj, Yasser Sadek, Ricardo Santos

11:30 AM	**TCT 608: Contemporary Use and Outcomes Associated With Rotational vs Orbital Atherectomy in Percutaneous Coronary Interventions: Insights from the Blue Cross Blue Shield of Michigan Cardiovascular Consortium (BMC2).** Emily Perdoncin, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 609: Rotational Atherectomy In Severely Calcified Undilatable Coronary Artery Lesions: A Detailed Analysis Of Complications** Christina Brinkmann, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 610: Direct Stenting vs Pre-Stent Balloon Dilatation in Patients Treated With Orbital Atherectomy: An ORBIT II Sub-Analysis** Evan Shlofmitz
12:01 PM	**Discussion**
12:06 PM	**TCT 611: Impact of Mechanical Support on Patients Undergoing Rotational Atherectomy** Evan Shlofmitz
12:13 PM	**Discussion**
12:18 PM	**TCT 612: Comparison of Scoring Balloons Regarding the Effects on Post-Interventional Minimum Stent Area: A Single Center Randomized Trial** Takayuki Ishihara, MD
12:25 PM	**Discussion**

Moderated Poster Session: TAVR and Vascular Access

Wednesday, November 1
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 2, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**TAVR and Vascular Access** **Moderators:** Haim Danenberg, Daniel I. Simon **Discussants:** Michael Kang-Yin Lee, Petra Poliacikova, Anupama Shivaraju, Yongjian Wu

11:30 AM	**TCT 593: Caliber and Fitness of the Axillary Artery as a Conduit for Large-Bore Cardiovascular Procedures** Daniel Arnett, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 594: Trans- Subclavian and Axillary Access for Transcatheter Aortic Valve Replacement Using Sapien 3 THV from the US STS/ACC TVT Registry** Thom Dahle, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 595: Transcaval Access: Bleeding Is No Longer A Concern** Vinod Chainani, MD
12:01 PM	**Discussion**
12:06 PM	**TCT 596: Transradial Access for Balloon Aortic Valvuloplasty** Levente Molnár, MD
12:13 PM	**Discussion**
12:18 PM	**TCT 597: Sheath Outer Diameter in Transcatheter Aortic Valve Replacement: SATORI Study** Radoslaw Parma Parma, MD
12:25 PM	**Discussion**

Moderated Poster Session: Transradial Vascular Access and Closure

Wednesday, November 1
11:30 AM - 12:30 PM
Colorado Convention Center
Moderated Posters 3, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**Transradial Vascular Access and Closure** **Moderators:** John T. Coppola, Jacques Monsegu **Discussants:** Zaza Kavteladze, Sasko Kedev, Gautam Naik, Francesco Pelliccia, Mladen I. Vidovich

11:30 AM	**TCT 273: Comparison of Silent Cerebral Infarct Between Right vs Left Radial Approach in Elective Percutaneous Coronary Intervention/Coronary Angiography** Hüseyin Göksülük, MD
11:37 AM	**Discussion**
11:42 AM	**TCT 274: Incidence and Predictors of Forearm Hematoma During Transradial Approach for Percutaneous Coronary Interventions** Naveen Garg, MD
11:49 AM	**Discussion**
11:54 AM	**TCT 275: Radial Hemostasis is Facilitated With A Potassium Ferrate Hemostatic Patch (Statseal): Preliminary Results From the Randomized Controlled Statseal With TR Band Assessment Trial (STAT).** Arnold Seto
12:01 PM	**Discussion**
12:06 PM	**TCT 276: Radial Artery Patency In Japanese and Non-Japanese Patients After Transradial Coronary Angiography And Intervention With 6 French Slender Or Standard 5 French Sheaths: A Substudy From RAP and BEAT (Radial Artery Patency and Bleeding, Efficacy, Ad** Adel Aminian, MD
12:13 PM	**Discussion**
12:18 PM	**TCT 277: Optical Coherence Tomography Imaging Assessment of Radial Artery Injury After Transradial Coronary Intervention** Jose Diaz, MD
12:25 PM	**Discussion**

Interventional Innovation III: Emerging Devices and Technological Concepts

Wednesday, November 1
8:00 AM - 12:20 PM
Colorado Convention Center
Mile High Ballroom 2A-3A, Ballroom Level
Accreditation: none

8:00 AM - 8:56 AM	**Session V: Emerging Coronary Technologies and CTO Devices** **Moderators:** Emmanouil S. Brilakis, Christopher E. Buller **Discussants:** Alaide Chieffo, Lei Ge, Angela Hoye, Luca Testa, Gerald S. Werner

	8:00 AM	**Featured Lecture: Complex PCI Intervention: Unresolved Technical Issues and Opportunities for Innovation** Emmanouil S. Brilakis
	8:08 AM	**Radial Hemostasis Is Facilitated With a Potassium Ferrate Hemostatic Patch(Statseal): Preliminary Results From the Randomized Controlled Statseal With TR Band Assessment Trial (STAT)** Arnold Seto
	8:16 AM	**Sirolimus Angioplasty Balloon for In-Stent Restenosis (SABRE) Trial: 2-Year Clinical Follow-Up** Pieter R. Stella
	8:24 AM	**24-month Results From a First-In-Human Data on the Paclitaxel Drug Coated Chocolate Coronary PTCA Balloon Catheters in De-Novo Coronary Lesions** Georgios Bouras
	8:32 AM	**Novel Crossing System for CTO Recanalization** Christopher E. Buller
	8:48 AM	**Roundtable Discussion With Audience Q&A**
8:56 AM - 9:36 AM		**Session VI: Primary PCI Management and Infarct Size-Reduction Technologies** **Moderators:** Dariusz Dudek, Cindy L. Grines **Discussants:** Fernando Alfonso, Anita Asgar, Pawel E. Buszman, Giovanni Esposito, Jose L. Leiva-Pons, Carlos E. Uribe, Darren L. Walters
	8:56 AM	**Effect of Local Hypothermia on Outcomes in Patients With ST-segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention: A Pilot Clinical Study** Liansheng Wang
	9:04 AM	**COOL AMI Pilot - Randomized Controlled Trial of Intravascular Therapeutic Hypothermia (TH) in Conscious Anterior ST-elevation Myocardial Infarction (STEMI). Cardiac Magnetic Resonance (cMR) Imaging Results of Microvascular Obstruction(MVO) and Ejection F** Thomas R. Keeble
	9:12 AM	**Cryotherapeutic Intervention in Primary PCI: The CHILL 1 FIH Study** Maurice Buchbinder
	9:20 AM	**Pressure-controlled Intermittent Coronary Sinus Occlusion Reduces Infarct Size After Primary PCI: A Propensity-controlled Matched Study** Azfar G. Zaman
	9:28 AM	**Roundtable Discussion With Audience Q&A**
9:36 AM - 10:42 AM		**Session VII: Endovascular Innovation II** **Moderators:** Mahmood K. Razavi, Krishna J. Rocha-Singh **Discussants:** Ehrin J. Armstrong, Jay S. Giri, Ethan C Korngold, Jihad A. Mustapha, Peter A. Schneider, Mitchell Weinberg, Thomas Zeller

	9:36 AM	**Prospective, Controlled, Clinical Randomized Trial Evaluating Novel, Microcrystalline and Biodegradable Polymer Paclitaxel Coated Balloon for the Treatment of Femoro-popliteal Disease (The BIOPAC trial) - One Year Outcome** Piotr P. Buszman
	9:44 AM	**Statistical Comparison of the DANCE Trial 12-Month Outcomes of Adventitial Dexamethasone versus Comparator Drug-Coated Balloon Studies** Mahmood K. Razavi
	9:52 AM	**24-Months Outcomes of PACUS Trial: Randomized Clinical Trial to Compare Ultrasound Enhanced Delivery of Paclitaxel and DEB in Patients With Critical Limb Ischemia and Femoral/Popliteal Disease** Costantino Del Giudice
	10:00 AM	**Roundtable Discussion With Audience Q&A**
	10:08 AM	**A Novel Micro-stent Technology Platform for BTK Interventions (Micromedical)** Jihad A. Mustapha
	10:16 AM	**A Retrievable Novel Multi-purpose Inferior Vena Cava filter (Bio2 Medical)** Luis F. Angel
	10:24 AM	**Local Liquid Paclitaxel Delivery Via a Novel Perfusion Catheter: Early Experimental and Clinical Results** Saami K Yazdani
	10:32 AM	**Roundtable Discussion With Audience Q&A**
10:42 AM - 12:20 PM	**Session VIII: Interventional Heart Failure and Structural Heart Interventions** **Moderators:** Daniel Burkhoff, Samir R. Kapadia **Discussants:** Shmuel Banai, Maurice Buchbinder, Ileana L. Pina, Jason H. Rogers, Frederick G. St. Goar	

10:42 AM	**First Experience With the Coronary Sinus Reducer System for the Management of Refractory Angina in Patients Without Obstructive Coronary Artery Disease** Alaide Chieffo
10:50 AM	**Cathhelix: A Novel Trans-catheter Mitral Valve Repair System** Bruno Scheller
10:58 AM	**Percutaneous Suture-mediated Patent Foramen Ovale (PFO) Closure: Early Results With NobleStitchEL Device** Achille Gaspardone
11:06 AM	**First Report of the Six Month Outcomes of the MAVERIC Trial of Transcatheter Annular Reduction Therapy (TART) With the ARTO™ System for Functional Mitral Regurgitation (FMR)** Stephen G. Worthley
11:14 AM	**Left Atrial Appendage Closure With a Novel Device: Initial Experience and Short-term Follow-up From a Single Center** Giulio G. Stefanini
11:22 AM	**Roundtable Discussion With Audience Q&A**
11:30 AM	**Safety and Efficacy of Percutaneous Axillary Artery Access for Mechanical Circulatory Support With the Impella© Devices: An Initial Evaluation From the Axillary Access Registry to Monitor Safety (ARMS) Multi-center Registry** James M. McCabe
11:38 AM	**Therapeutic Force Transduction and Optimization of Intra-cardiac Blood Flow to Support Heart Function in Heart Failure Patients** John Wilson
11:46 AM	**First-in-Human Experience With Aortix Intra-aortic Pump** Amit N Vora
11:54 AM	**Intentional Laceration of the Anterior Mitral Leaflet to Prevent Left Ventricular Outflow Tract Obstruction (LAMPOON) During TMVR: First-in-Human Findings** Toby Rogers
12:02 PM	**Preliminary Results of Hybrid, Less-Invasive Left Ventricular Reshaping for Ischemic Cardiomyopathy – the St. Antonius Hospital Experience** Patrick Klein
12:10 PM	**Roundtable Discussion With Audience Q&A**
12:20 PM	**Adjourn**

Presentation Theater Program: Contrast-Induced Acute Kidney Injury - Preventive Measures That Work (Organized by CRF, Sponsored by ABIOMED, Osprey Medical, and Renal Guard Solutions) (Non-CME)

Wednesday, November 1
11:30 AM - 12:30 PM

Colorado Convention Center
Presentation Theater 5, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM **Contrast-Induced Acute Kidney Injury: Preventive Measures That Work**

Chair: Roxana Mehran
Facultys: Antonio L. Bartorelli, Michael P. Flaherty, Gautam Kumar, MD, Anand Prasad, Giora Weisz

11:30 AM	**Welcome and Introductions** Roxana Mehran
11:32 AM	**Case Presentation: A Difficult Patient at High Risk for AKI** **Case Presenter:** Giora Weisz
11:37 AM	**The Current State of CI-AKI in the Cath Lab: Guidelines, Cath Lab Practices, and Economics** Roxana Mehran
11:45 AM	**Importance of Hydration: How to Do It Best? RenalGuard Therapy** Antonio L. Bartorelli
11:52 AM	**Effective Methods for Reducing Contrast Dosage to Patients: The DyeVert Plus System** Anand Prasad
12:00 PM	**Practical Application: Incorporating a Hydration and Dye-Saving Protocol for Patients at High Risk of AKI** Gautam Kumar, MD
12:06 PM	**Impella As a Strategy to Prevent Acute Kidney Injury (AKI) During HRPCI** Michael P. Flaherty
12:15 PM	**Discussion: The Future of AKI Prevention**
12:30 PM	**Adjourn**

Presentation Theater Program: Coronary Calcium: ECLIPSE-ing the Standard of Conventional Angioplasty (Sponsored by CRF,Supported by Cardiovascular Systems, Inc.)

Wednesday, November 1
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 1, Theater Wing, Exhibit Level
Accreditation: CME

11:30 AM - 12:30 PM **Coronary Calcium: ECLIPSE-ing the Standard of Conventional Angioplasty**

Chairs: Mitchell W. Krucoff, Jeffrey W. Moses
Facultys: Ehrin J. Armstrong, Aloke V. Finn, Ajay J. Kirtane, Richard Shlofmitz, Adhir Shroff

11:30 AM	**Pathologic Insights into Calcified Coronary Lesions: From Autopsy Studies to the Cath Lab** Aloke V. Finn
11:40 AM	**Do We Underutilize Coronary Atherectomy? Rationale and Design of the ECLIPSE Trial** Ajay J. Kirtane
11:50 AM	**Discussion**
11:52 AM	**The Workflow and Economic Rationale for an Atherectomy-First Strategy** Adhir Shroff
12:00 PM	**Tips and Tricks: A Practicum for the Treatment of Severely Calcified Lesions** Richard Shlofmitz
12:10 PM	**Calcium Management is an Essential Component for CHIP Operators: Complex Case Review** **Case Presenter:** Ehrin J. Armstrong
12:20 PM	**Discussion**
12:30 PM	**Adjourn**

Presentation Theater Program: SCAI WIN Complex Case Presentations: Coast to Coast (Sponsored by Abbott)

Wednesday, November 1
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 3, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**SCAI WIN Complex Case Presentations: Coast to Coast** **Chair:** Cindy L. Grines **Facultys:** Anita Asgar, Alaide Chieffo, Kusum Lata, Roxana Mehran, Zlata Platsman, Ruby Satpathy, Kimberly A. Skelding

11:30 AM	**Welcome** Cindy L. Grines
11:35 AM	**Complex Case Presentation #1: An Interesting CTO Case** **Moderator:** Cindy L. Grines Zlata Platsman **Discussants:** Alaide Chieffo, Roxana Mehran, Ruby Satpathy, Kimberly A. Skelding
11:50 AM	**Complex Case Presentation #2: A Complex Coronary Challenge** **Moderator:** Kimberly A. Skelding Kusum Lata **Discussants:** Alaide Chieffo, Cindy L. Grines, Roxana Mehran, Ruby Satpathy
12:05 PM	**Complex Case Presentation #3: A Structural Heart Case** **Moderator:** Cindy L. Grines Anita Asgar **Discussants:** Alaide Chieffo, Roxana Mehran, Ruby Satpathy, Kimberly A. Skelding
12:20 PM	**Panel Discussion on Case Presentations** **Moderator:** Cindy L. Grines **Discussants:** Alaide Chieffo, Roxana Mehran, Ruby Satpathy, Kimberly A. Skelding
12:30 PM	**Adjourn**

Presentation Theater Program: SYNERGY™: Focus on Healing, DAPT, and Patients (Sponsored by Boston Scientific Corporation)

Wednesday, November 1
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 2, Theater Wing, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**SYNERGY™: Focus on Healing, DAPT, and Patients** **Chair:** Jeffrey J. Popma **Facultys:** Aloke V. Finn, Ajay J. Kirtane, Robert W. Yeh

11:30 AM	**Introduction: Evolution of Stents** Jeffrey J. Popma
11:35 AM	**Functional Healing With BP-DES** Aloke V. Finn
11:47 AM	**The SYNERGY stent: A Technology and Clinical Overview** Jeffrey J. Popma
11:59 AM	**SYNERGY in the Real World: Case Examples** Ajay J. Kirtane
12:11 PM	**DAPT: What is Best for Your Patient?** Robert W. Yeh
12:23 PM	**Discussion** **Moderator:** Jeffrey J. Popma **Discussants:** Aloke V. Finn, Ajay J. Kirtane, Robert W. Yeh
12:30 PM	**Adjourn**

Presentation Theater Program: TAVR, TMVR and Beyond – Key Enabling Imaging Technology for New Valve Therapies (Sponsored by Philips)

Wednesday, November 1
11:30 AM - 12:30 PM
Colorado Convention Center
Presentation Theater 4, Exhibit Hall, Exhibit Level
Accreditation: none

11:30 AM - 12:30 PM	**TAVR, TMVR and Beyond – Key Enabling Imaging Technology for New Valve Therapies** **Facultys:** John D. Carroll, John C. Messenger, Ernesto Salcedo, Ralph Stephan von Bardeleben

11:30 AM	**Welcome and Introduction** John C. Messenger
11:38 AM	**TMVR is Not TAVR: Planning and Guiding Mitral Valve Therapies** Ralph Stephan von Bardeleben
11:50 AM	**Discussion** **Moderator:** John C. Messenger
11:55 AM	**Critical Information in Real-time: Echocardiography Optimized for Valve Interventions** Ernesto Salcedo
12:07 PM	**Discussion** **Moderator:** John C. Messenger
12:12 PM	**New Valves, New Challenges - The Role of Live Multimodality Fusion Imaging** John D. Carroll
12:24 PM	**Discussion** **Moderator:** John C. Messenger
12:30 PM	**Adjourn**

Presentation Theater Program: Beyond FFR - New Nonhyperemic Indices in the Cath Lab (Sponsored by Opsens Medical)

Wednesday, November 1
1:00 PM - 2:00 PM
Colorado Convention Center
Presentation Theater 2, Theater Wing, Exhibit Level
Accreditation: none

1:00 PM - 2:00 PM	**Beyond FFR: New Nonhyperemic Indices in the Cath Lab** **Chair:** Morton J. Kern **Facultys:** Ziad A. Ali, Bernard De Bruyne, Allen Jeremias, Manish A. Parikh

1:00 PM	**The Universe of Coronary Physiologic Indices: Are All Things Equal?** Morton J. Kern
1:12 PM	**The Science Behind Resting Indices: Hyperemia or Not to Hyperemia, Is That the Question?** Bernard De Bruyne
1:24 PM	**Beyond iFR and Pd/Pa: More Than One Way to Skin a Cat?** Allen Jeremias
1:36 PM	**Practical Application of New Technologies: The Good, the Bad, and the WTF (Wow, That's Fantastic)** Ziad A. Ali
1:48 PM	**Study Update** Manish A. Parikh
1:53 PM	**Discussion** **Moderator:** Morton J. Kern **Discussants:** Ziad A. Ali, Bernard De Bruyne, Allen Jeremias, Manish A. Parikh
2:00 PM	**Adjourn**

Presentation Theater Program: Meet the COMBO Trialists: Deep Dive- Putting It All Together (Sponsored by OrbusNeich)

Wednesday, November 1
1:00 PM - 2:00 PM
Colorado Convention Center
Presentation Theater 4, Exhibit Hall, Exhibit Level
Accreditation: none

1:00 PM - 2:00 PM	**Meet the COMBO Trialists: Deep Dive- Putting It All Together** **Co-Chairs:** Mitchell W. Krucoff, Roxana Mehran **Panel Discussants:** Stephen W. L. Lee, Robert J. de Winter **Facultys:** Jaya Chandrasekhar, Harry Suryapranata, Ling Tao

1:00 PM	**Welcome and Introductions: The COMBO Platform** Mitchell W. Krucoff
1:05 PM	**HARMONEE: Topline Results & Implications** Mitchell W. Krucoff
1:12 PM	**RECOVERY: Topline Results & Implications** Ling Tao
1:19 PM	**Discussion**
1:29 PM	**REDUCE: Topline Results & Implications** Harry Suryapranata
1:36 PM	**MASCOT: Topline Results & Implications** Jaya Chandrasekhar
1:43 PM	**Panel Discussion**
1:53 PM	**Closing: Putting It All Together** Roxana Mehran

Presentation Theater Program: The Role of Artificial Intelligence in Advanced Cardiovascular Imaging and the Interventional Revolution (Sponsored by Siemens Healthineers in Partnership With Boston Scientific Corporation)

Wednesday, November 1
1:00 PM - 2:00 PM
Colorado Convention Center
Presentation Theater 3, Exhibit Hall, Exhibit Level
Accreditation: none

1:00 PM - 2:00 PM	**The Role of Artificial Intelligence in Advanced Cardiovascular Imaging and the Interventional Revolution** **Co-Chairs:** Juan F. Granada, Martin B. Leon **Facultys:** Dorin Comaniciu, William L. Lombardi, Brij Maini, Jeffrey W. Moses

1:00 PM	**Introduction** Martin B. Leon
1:03 PM	**The Future of Artificial Intelligence in Health Care: Implications for Advanced Imaging and Interventional Procedures** Dorin Comaniciu
1:13 PM	**Artificial Intelligence Driven AngioFFR and Prescriptive PCI** Jeffrey W. Moses
1:23 PM	**Deep Reinforcement Learning-Based Imaging Fusion: Implications for CTO Therapy** William L. Lombardi
1:33 PM	**Digital Twin (Virtual Heart) for Structural Heart Interventions** Brij Maini
1:43 PM	**Roundtable Discussion**
1:57 PM	**Take Home Message** Juan F. Granada
2:00 PM	**Adjourn**

Presentation Theater Program: TMVR: Preparing For the Next Revolution (Sponsored by CRF, Supported by Medtronic)

Wednesday, November 1
1:00 PM - 2:00 PM
Colorado Convention Center
Presentation Theater 1, Theater Wing, Exhibit Level
Accreditation: CME

1:00 PM - 2:00 PM	**TMVR: Preparing For the Next Revolution** **Chair:** Christopher U. Meduri **Facultys:** Vinayak Bapat, Michael J. Mack, Vivek Rajagopal, Michael J. Reardon, Paul Sorajja

1:00 PM	**Welcome** Christopher U. Meduri
1:05 PM	**TMVR as the Next Mountain to Climb** Michael J. Reardon
1:13 PM	**Discussion**
1:17 PM	**Adding TMVR to Your Practice: The Essentials - From Skills to Team Set Up** Paul Sorajja
1:25 PM	**Discussion**
1:29 PM	**Screening and Selecting the Appropriate Patients for TMVR** Vinayak Bapat
1:37 PM	**Discussion**
1:41 PM	**Optimizing Care For the TMVR Patient** Vivek Rajagopal
1:49 PM	**Discussion**
1:53 PM	**Closing** Christopher U. Meduri
2:00 PM	**Adjourn**

Evening Program: DAPT and Triple Therapy: A Case-based Guide to Optimal Antiplatelet Therapies (Sponsored by CRF, Supported by Abbott, AstraZeneca, Boston Scientific Corporation, Medtronic and Chiesi USA, Inc.)

Wednesday, November 1
6:00 PM - 8:00 PM
Hyatt Regency Denver at Colorado Convention Center
Centennial Ballroom F-H, Third Floor
Accreditation: CME

Chairs: Ajay J. Kirtane, Roxana Mehran
Facultys: Usman Baber, C. Michael Gibson, James B. Hermiller Jr.

6:00 PM - 6:30 PM	**Check-in & Reception**
6:30 PM - 6:35 PM	**Welcome, Introductions, and Session Goals** Roxana Mehran
6:35 PM - 7:10 PM	**OPTIMAL STRATEGIES FOR DAPT: CONCISE SUMMARIES**

	6:35 PM	**Device-based Approaches to Reduce Bleeding Risk Post-PCI** Ajay J. Kirtane
	6:45 PM	**Pharmacology-based Approaches to Reduce Bleeding Risk Post-PCI** Roxana Mehran
	6:55 PM	**Roundtable Discussion**

7:10 PM - 8:00 PM

REAL-WORLD CASES

Moderators: Ajay J. Kirtane, Roxana Mehran
Panelistss: Usman Baber, C. Michael Gibson, James B. Hermiller Jr.

	7:10 PM	**Case 1: A Complex LM Bifurcation PCI in an Elderly Woman** **Case Presenter:** James B. Hermiller Jr.
	7:15 PM	**Panel and Synthesis**
	7:25 PM	**Case 2: Patient with MVD who Requires Non-Cardiac Surgery** **Case Presenter:** Usman Baber
	7:30 PM	**Panel and Synthesis**
	7:40 PM	**Case 3: Patient with AF and ACS** **Case Presenter:** C. Michael Gibson
	7:45 PM	**Panel and Synthesis**
	8:00 PM	**Adjourn**

Evening Program: Hot Topics with Experts: Diversity at Its Best! (Sponsored by the Association of Black Cardiologists, Inc. and the Cardiovascular Research Foundation, Supported through educational grants from Boston Scientific Corporation, Cardiovascular Systems, Inc., Edwards Lifesciences, and Medtronic)

Wednesday, November 1
6:00 PM - 8:00 PM
Cardiovascular Research Foundation
Hyatt Regency Denver, Centennial Ballroom D-E
Accreditation: none

6:00 PM - 6:30 PM

Check-In and Reception

6:30 PM - 8:00 PM

Hot Topics with Experts: Diversity at Its Best!

Co-Chairs: Wayne B. Batchelor, Cindy L. Grines, Roxana Mehran
Facultys: Oluseun Alli, MD, Jaya Chandrasekhar, Alaide Chieffo, Foluso Fakorede, MD, G. Mark Jenkins, MD, Sahil A. Parikh, Kimberly A. Skelding, Molly Szerlip

6:30 PM - 6:35 PM **Introduction**

6:30 PM **Introduction**
Wayne B. Batchelor

6:35 PM - 6:58 PM **Hot Topic I: PCI**

Moderator: Roxana Mehran
Discussants: Wayne B. Batchelor, Cindy L. Grines, Kimberly A. Skelding

6:35 PM **Inclusion of Women and Minorities In Stent Studies - Closing the Gap: The Diversity Trial**
Wayne B. Batchelor

6:48 PM **Discussion**

6:58 PM - 7:36 PM **Hot Topic II: TAVR**

Moderator: Cindy L. Grines
Discussants: Oluseun Alli, MD, Jaya Chandrasekhar, Alaide Chieffo, Molly Szerlip

6:58 PM **The TVT Registry Profile: A Call to Action**
Molly Szerlip

7:11 PM **TAVR In Women: The Important Sex-Based Predictors - Insights From The WIN TAVI Study**
Alaide Chieffo

7:18 PM **Discussion**

7:36 PM - 8:00 PM **Hot Topic III: PAD**

Moderator: Wayne B. Batchelor
Discussants: Foluso Fakorede, MD, G. Mark Jenkins, MD, Sahil A. Parikh

7:36 PM **Diagnosis and Treatment of PAD in Minorities**
Sahil A. Parikh

7:45 PM **Discussion**

8:00 PM **Adjourn**

Structural Theater III, Wednesday, Nov. 1

Wednesday, November 1
8:00 AM - 12:00 PM
Colorado Convention Center
Structural Theater, Exhibit Hall Level
Accreditation: CME/CNE/MOC/ASRT

8:00 AM - 10:00 AM

Session I. Live Cases: SHD

Live Case Moderator: Ted Feldman
Live Case Co-Moderator: Robert J. Sommer
Live Case Discussants: Martin W. Bergmann, Paul Gordon, Chaim S. Lotan, Brij Maini, Oscar A. Mendiz, Georg Nickenig, Fabian Nietlispach, Toby Rogers, Christian Spies
Factoid Facultys: Ramin S. Hastings, Song-Yi Kim, Birgit Vogel, Philipp Wiesner

8:00 AM	**CardioVascular Center Frankfurt (CVC), Frankfurt, Germany** **Live Case Operators:** Ilona Hofmann, Markus S Reinartz, Horst Sievert, Kolja Sievert, Laura Vaskelyte
9:00 AM	**Henry Ford Hospital, Detroit, Michigan** **Live Case Operators:** Marvin Eng, Adam B. Greenbaum, William W. O'Neill, Dee Dee Wang

10:00 AM - 12:00 PM

Session II. Live Cases: SHD

Live Case Moderator: Mark Reisman
Live Case Co-Moderator: Saibal Kar
Live Case Discussants: Stefan C. Bertog, Sameer Gafoor, Eulogio J. Garcia, Christian Hengstenberg, Jan Kovac, Petr Neuzil, Armando Perez de Prado, Joachim Schofer, Adam Witkowski
Factoid Facultys: Ramin S. Hastings, Song-Yi Kim, Birgit Vogel, Philipp Wiesner

10:00 AM	**CardioVascular Center Frankfurt (CVC), Frankfurt, Germany** **Live Case Operators:** Ilona Hofmann, Markus S Reinartz, Horst Sievert, Kolja Sievert, Laura Vaskelyte
11:00 AM	**Henry Ford Hospital, Detroit, Michigan** **Live Case Operators:** Marvin Eng, Adam B. Greenbaum, William W. O'Neill, Dee Dee Wang

Thursday, November 2, 2017

Breakfast Program: Future Perspectives and Technologies on BTK Intervention (Sponsored by CRF, Supported by Abbott, Boston Scientific, and Intact Vascular)

Thursday, November 2
6:30 AM - 8:00 AM
Cardiovascular Research Foundation
Mile High Ballroom 1E-1F, Ballroom Level
Accreditation: none

6:30 AM - 7:00 AM	**Check-In and Breakfast**
7:00 AM - 8:00 AM	**Future Perspectives and Technologies on BTK Intervention** **Co-Chairs:** Juan F. Granada, Sahil A. Parikh Stephen W Waldo **Facultys:** Ehrin J. Armstrong, William A. Gray, Zaza Kavteladze

7:00 AM	**Introduction and Session Objectives** Sahil A. Parikh
7:02 AM	**Case Presentations: Unmet Needs in CLI** Stephen W Waldo
7:14 AM	**Crossing Technologies: Available Tools and Outcomes** Ehrin J. Armstrong
7:24 AM	**Moderated Discussion**
7:26 AM	**Dedicated Scaffolds and Stents** Sahil A. Parikh
7:36 AM	**Moderated Discussion**
7:38 AM	**Emergent Drugs and Local Drug Delivery Systems** William A. Gray
7:48 AM	**Moderated Discussion**
7:50 AM	**Panel Discussion: Unmet Needs in BTK Intervention - Where Are We Now and Where Are We Going?**
8:00 AM	**Adjourn**

Breakfast Program: Guidewire Design and Selection - A User's Guide (Sponsored by CRF, Supported by Abbott, Boston Scientific Corporation and Medtronic)

Thursday, November 2
6:30 AM - 8:00 AM
Colorado Convention Center
Mile High Ballroom 1A-1B, Ballroom Level
Accreditation: CME

6:30 AM - 7:00 AM	**Check-in & Breakfast**

7:00 AM - 8:00 AM

Guidewire Design and Selection: A User's Guide

Co-Chairs: Dimitri Karmpaliotis, Ajay J. Kirtane, Jeffrey W. Moses
Facultys: Christopher E. Buller, William L. Lombardi, Stéphane Rinfret

7:00 AM	**Welcome and Introductions** Ajay J. Kirtane
7:02 AM	**Matching Guidewire Design to Function** Christopher E. Buller
7:12 AM	**Discussion**
7:15 AM	**Applied Use of Coronary Guidewires: Basic Principles for Wire Manipulation** Stéphane Rinfret
7:27 AM	**Discussion**
7:30 AM	**CTO Wires: Antegrade and Retrograde Approaches** **Case Presenter:** William L. Lombardi
7:45 AM	**Wiring Tips and Tricks: Miscellaneous Tough Cases** **Case Presenter:** Dimitri Karmpaliotis
8:00 AM	**Adjourn**

Breakfast Program: Integrating Physiology and Imaging Into the Cath Lab - What Technology Should I Use and How and When Should I Use It?(Sponsored by CRF, Supported through educational grants from ACIST, Boston Scientific Corporation, and St. Jude Medical)

Thursday, November 2
6:30 AM - 8:00 AM
Colorado Convention Center
Mile High Ballroom 1C-1D, Ballroom Level
Accreditation: CME

6:30 AM - 7:00 AM

Check-in & Breakfast

7:00 AM - 8:00 AM

Integrating Physiology and Imaging Into the Cath Lab: What Technology Should I Use and How and When Should I Use It?

Co-Chairs: Ziad A. Ali, Gary S. Mintz
Facultys: Allen Jeremias, Akiko Maehara

	7:00 AM	**How Do I Assess an Intermediate Lesion? FFR? iFR? Angio-FFR?** Allen Jeremias
	7:15 AM	**Discussion**
	7:20 AM	**What Is the Status of Vulnerable Plaque Detection?** Akiko Maehara
	7:30 AM	**Discussion**
	7:35 AM	**How Do I Optimize Metallic Stent (and Bioresorbable Vascular Scaffold) Implantation?** Ziad A. Ali
	7:55 AM	**Q & A**
	8:00 AM	**Adjourn**

Main Arena IV, Thursday, Nov 2.

Thursday, November 2
8:00 AM - 1:00 PM
Colorado Convention Center
Main Arena, Bellco Theater, Meeting Room Level
Accreditation: CME/CNE/MOC/ASRT

8:00 AM - 9:30 AM

Live Cases #7

Live Case Moderator: Gregg W. Stone
Live Case Co-Moderator: Raj Makkar
Live Case Discussants: J. Dawn Abbott, Saif Anwaruddin, Anita Asgar, Antonio L. Bartorelli, Stephen J.D. Brecker, John D. Carroll, Philippe Genereux, Nicholas J. Lembo, William L. Lombardi, Roxana Mehran
Factoid Facultys: Serdar Farhan, Keyvan Karimi Galougahi, Jonathan Rubin, Elias Sanidas, Evan Shlofmitz, Sabato Sorrentino

	8:00 AM	**San Raffaele Scientific Institute, Milan, Italy** **Live Case Operators:** Antonio Colombo, Francesco Giannini, Azeem Latib, Matteo Montorfano
	8:45 AM	**NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY** **Live Case Operators:** Vinayak Bapat, Isaac George, Rebecca T. Hahn, Susheel K. Kodali, Tamim Nazif

9:30 AM - 10:30 AM

Late-Breaking Clinical Trials 4

Moderator: Gregg W. Stone
Co-Moderator: Martin B. Leon
Discussants: Ori Ben-Yehuda, Stephen G. Ellis, Allen Jeremias, Eugenia Nikolsky, Manish A. Parikh, Robert J. Sommer, Carl L. Tommaso, Brian K. Whisenant

	9:30 AM	**PREVAIL: 5-Year Outcomes From a Randomized Trial of Left Atrial Appendage Closure vs Medical Therapy in Patients With Nonvalvular Atrial Fibrillation** Saibal Kar
	9:42 AM	**Roundtable Discussion**
	9:50 AM	**ORBITA: A Randomized, Sham-Controlled Trial of PCI in Patients With Coronary Artery Disease** Rasha Al-Lamee
	10:02 AM	**Roundtable Discussion**
	10:10 AM	**FAME 2: 3-Year Clinical and Cost-effectiveness Outcomes of FFR-Guided PCI in Patients With Coronary Artery Disease** William F. Fearon
	10:22 AM	**Roundtable Discussion**

10:30 AM - 11:00 AM

First Report Investigations 4

Moderator: Martin B. Leon
Co-Moderator: Charles J. Davidson
Discussants: Danny Dvir, Sameer Gafoor, Stamatios Lerakis, Georg Nickenig, Maurice E. Sarano

	10:30 AM	**TRI-REPAIR: 30-Day Outcomes of Transcatheter TV Repair in Patients With Severe Secondary Tricuspid Regurgitation** Georg Nickenig
	10:40 AM	**Roundtable Discussion**
	10:45 AM	**FORMA: 30-Day Outcomes of Transcatheter TV Repair in Patients With Severe Secondary Tricuspid Regurgitation** Susheel K. Kodali
	10:55 AM	**Roundtable Discussion**

11:00 AM - 12:30 PM

Live Cases #8

Live Case Moderator: Martin B. Leon
Live Case Co-Moderator: Eberhard Grube
Live Case Discussants: Alaide Chieffo, Kevin J. Croce, Stephen G. Ellis, Philippe Genereux, Linda D. Gillam, Mayra Guerrero, Albert Markus Kasel, James M. McCabe, Giampaolo Niccoli, Manish A. Parikh, Hadley Wilson
Factoid Facultys: Serdar Farhan, Keyvan Karimi Galougahi, Jonathan Rubin, Elias Sanidas, Evan Shlofmitz, Sabato Sorrentino

	11:00 AM	**San Raffaele Scientific Institute, Milan, Italy** **Live Case Operators:** Antonio Colombo, Francesco Giannini, Azeem Latib, Matteo Montorfano
	11:45 AM	**NewYork-Presbyterian Hospital/Columbia University Medical Center, New York, NY** **Live Case Operators:** Isaac George, Rebecca T. Hahn, Susheel K. Kodali, Tamim Nazif

12:30 PM - 1:00 PM

The Innovation Shark Tank Competition (Finalists)

Moderator: Juan F. Granada
Co-Moderator: Gary S. Mintz
Discussants: Tony Das, Peter J. Fitzgerald, Eberhard Grube, Martin B. Leon, Frank Litvack, Chaim S. Lotan, Marvin J. Slepian

12:30 PM	**Interventional Blood Flow Reversal Therapy for the Non-option CLI Patient (LimFlow)** Daniel Rose
12:38 PM	**Harmony: An Endovascular Neuromodulation Device-based Therapy for the Treatment of Heart Failure (Enopace)** Amir Dagan
12:46 PM	**Implantable Peritoneal Ultrafiltration for Fluid Overload Treatment (Paragate)** Yair Feld
12:54 PM	**Award Presentation** **Award Presenter:** Juan F. Granada