SCAI 2018
Scientific Sessions

WEDNESDAY, APRIL 25–SATURDAY, APRIL 28
MANCHESTER GRAND HYATT
SAN DIEGO, CALIFORNIA

Fly in early to SCAI 2018 for the Global Summit on Tuesday evening and three four-hour sessions on Wednesday morning—one in each of the following tracks: Coronary, Structural, and Peripheral—where you’ll learn advanced techniques and how to perform complex cases from the experts.

Advance Program
www.SCAI.org/SCAI2018

24.5 AMA PRA Category 1 Credit(s)™
On behalf of the Society for Cardiovascular Angiography and Interventions, I am pleased to welcome you to SCAI 2018 Scientific Sessions in my hometown of San Diego, California.

This year, Scientific Sessions has expanded its reach to include more first-time presenters, more scientific research, more live cases, and more international presentations than ever before! With 4,200 members across over 75 countries, SCAI brings together the global interventional and invasive cardiology community with one goal in mind: “To Save and Enhance Lives.”

Arrive on Tuesday evening for the SCAI Global Summit, a case presentation event, celebrating interventional and invasive cardiology’s top leaders from around the world.

This year we have added three new sessions on Wednesday morning focused on the advanced techniques, tips and tricks, and tools required for optimal outcomes.

- Complex and High-Risk Interventional Procedures (CHIP)
- Structural Heart Interventions: Advanced Techniques
- Complex Peripheral Vascular Interventions Summit

At Scientific Sessions 2018 an all-new Innovations in Cardiovascular Interventions and Technology Summit is a must attend session for those who want to stay on top of their specialty. Hosted in partnership with Innovations in Cardiovascular Interventions (ICI Israel), the program will focus on rapidly evolving medical advances, new technologies, and strategies for medical device innovation.

We have partnered with other societies to offer sessions and tracks that will continue throughout the meeting with additional emphases on interventional controversies, debates and evidence-based guidelines for appropriate patient selection and management.

We present Late-Breaking Clinical Science and original research related to interventional cardiovascular medicine. Throughout the program, you will be captivated by 12 Live Cases. Panels of experts provide a running commentary and critique, while you sharpen your clinical skills and learn new hands-on techniques for CHIP and CTO interventions, TAVR, and a myriad of structural heart interventions, with an added focus on peripheral and adult congenital disease therapies.

Topping off the event is an inspirational Keynote Address from Dr. Roberto Canessa, author of “How a Plane Crash in the Andes Inspired My Calling to Save Lives.” His hope and determination under the most extreme conditions served as the foundation for his life-long career as a pediatric cardiologist.

We are grateful to our esteemed faculty who dedicated their time and energy to help us prepare a dynamic program for you! We look forward to seeing you in San Diego.

Ehtisham Mahmud, MD, FSCAI
San Diego, California
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LIVE Case Presentations

Perfect your technique and clinical decision-making skills while watching live cases broadcast via satellite from some of the top cardiac catheterization labs across the United States.
Witness internationally renowned operators as they navigate the most challenging cases!

Invited sites:*

- University of California, San Diego Sulpizio Cardiovascular Center (La Jolla, California)
- Henry Ford Hospital (Detroit, Michigan)
- Minneapolis Heart Institute (Minneapolis, Minnesota)
- HonorHealth Heart Group (Scottsdale, Arizona)
- Northshore University Hospital (Manhasset, New York)
- University of Washington Medical Center (Seattle, Washington)

*Sites are subject to change
Hotel Accommodations
SCAI 2018 Scientific Sessions will take place at:

**Manchester Grand Hyatt San Diego**
1 Market Place
San Diego, CA 92101
$289 single/double

To Make Your Reservations Online:
Or you may call 888.421.1442 and reference the SCAI 2018 Scientific Sessions block.

Out and About in San Diego

With its miles of glorious beaches, idyllic year-round weather, and myriad of cultural and historical attractions, San Diego is one of the most visited cities in the world.

70°F All Year-Round
San Diego’s magnificent weather means that you can enjoy the outdoors all year-round. The average temperature on any given day of the year is around 70°F/21°C, meaning it never gets too hot and it never gets too cold. So, exploring all of the city’s natural beauty is easy and comfortable.

Beyond Beautiful Beaches
San Diego is home to some of the most beautiful beaches in the country. There are 70 miles of shoreline and a diverse selection of beaches to explore. From La Jolla and Mission to Coronado and Pacific Beach, there’s a beach for you in San Diego.
Disclosure Statement

As a provider of continuing medical education through the Accreditation Council for Continuing Medical Education (ACCME), it is the Society’s policy to ensure balance, independence, objectivity, and scientific rigor in all of its activities. All participating faculty, course directors, and planning committee members and staff are required to disclose to SCAI any financial relationships related to the subject matter of the activity/session in which they are participating. Disclosure information is reviewed in advance in order to manage and resolve all relevant conflicts of interest. The intent of the disclosure is not to prevent the planner or presenter from being involved in the activity, but rather to provide participants with information on which they can make their own judgments.
Roberto Canessa, M.D. is one of the 16 survivors of the Uruguayan Air Force Flight that crashed into the Andes Mountain on October 13, 1972. A second-year medical student at the time, it was Canessa who suggested the survivors resort to cannibalism to survive.

In his recent book, “I Had to Survive: How a Plane Crash in the Andes Inspired My Calling to Save Lives” (March 2016), he shares how he overcame adversity and dedicated his career to saving the lives of infants born with congenital heart defects.

Dr. Canessa graduated from the Universidad de la Republica Oriental del Uruguay with a degree in cardiology and pediatric cardiology. He was awarded the Premio Nacional in Medicine in 1986 and the Gran Premio in Medicine in 1991 and 1999. Dr. Canessa currently practices as a pediatric cardiologist at the Hospital Italiano in Uruguay where he serves as the director of the Department of Cardiac Ultrasound and the Department of Prenatal Diagnosis of Congenital Heart Diseases.

Book Signing
Friday, April 27, at the Annual Celebration
SCAI 2018 Scientific Sessions Overview

Join 2,000 physicians, cardiovascular professionals, hospital administrators, academics, and industry professionals from around the world to share knowledge, clinical expertise, and the latest medical advances, with the single goal of advancing care to save and enhance lives.

A distinguished faculty will conduct a four-day program that includes live cases, featured speakers, case reviews, lectures, interactive discussions, abstract presentations, poster sessions, and more.

Target Audiences

SCAI 2018 Scientific Sessions is for the following members of the medical community:

• Invasive, interventional, and general cardiologists as well as internal medicine and other physician specialists
• Pediatricians and adult cardiologists specializing in congenital heart disease
• Fellows-in-Training
• Cath lab nurses, technologists, radiologic technologists, technicians, physician assistants, and nurse practitioners
• Hospital administrators and service line managers
• Quality improvement specialists

Educational Objectives

CME and CE certificates, as well as certificates of participation, will be provided to registered attendees based upon completion of the evaluation. For questions regarding credit for this event, please email CME@scai.org.

At the conclusion of the SCAI 2018 Scientific Sessions, participants will be able to:

• Assess the most recent scientific advances, clinical evidence, techniques, challenges, and opportunities within the field of interventional cardiovascular medicine and congenital heart disease
• Use the appropriate diagnostic studies and clinical guidelines for the evaluation of acute coronary syndromes and stable ischemic heart disease, and to apply new pharmacologic and interventional approaches to manage patients
• Appropriately select newly developed devices, techniques, and therapies for the treatment of cardiovascular disease to improve early and late clinical outcomes after coronary/peripheral/structural heart disease interventions
• Implement quality-based practices, including appropriate use criteria, clinical guidelines, consistent documentation, and assignment of quality metrics for interventional procedures
• Collaborate with administration and cath lab team members to optimize operations, better understand the new Medicare Quality Payment Program, and meet the requirements of Advanced Alternative Payment Models (APMs) or Merit-Based Incentive Payment Systems (MIPS)
• Recognize and avoid the occupational hazards associated with the practice of interventional medicine and understand strategies to address radiation reduction and orthopedic risk

Accreditation/CME Credit

The Society for Cardiovascular Angiography and Interventions (SCAI) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

• CME for MOC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 24.5 MOC points in the American Board of Internal Medicine’s (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. SCAI will submit participant completion information to ACCME for the purpose of granting ABIM MOC credit.
• Physicians: SCAI designates this live activity for a maximum of 24.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit(s) commensurate with the extent of their participation in the activity.
• International Physicians: The American Medical Association (AMA) has determined that physicians not licensed in the U.S. who participate in this CME activity are eligible for AMA PRA Category 1 Credit(s)™.
• Doctors of Osteopathy: The American Osteopathic Association (AOA) awards Category 2A Credit(s) for formal educational programs that are ACCME-accredited or AAFP-approved.
• Physician Assistants: The American Academy of Physician Assistants (AAPA) accepts AMA PRA Category 1 Credit(s)™. SCAI is an accredited provider through the ACCME.
• Nurses: Nurses will receive a certificate of participation upon completion of the evaluation. This activity was designated for 24.5 AMA PRA Category 1 Credit(s)™.
• Technologists: Technologist will receive a certificate of participation upon completion of the evaluation. This activity was designated for 24.5 AMA PRA Category 1 Credit(s)™.

Commercial Support

SCAI 2018 Scientific Sessions is funded in part by educational grants from various commercial entities. SCAI will provide a complete list of commercial supporters and contributors at the meeting.
Scientific Sessions Highlights

In addition to the exciting educational tracks, a number of specialized sessions are also offered to help you put new skills into practice immediately.

Innovations in Cardiovascular Interventions and Technology Summit

Join us for a new joint program, with Innovations in Cardiovascular Interventions (ICI Israel), focusing on rapidly evolving medical advances, new technologies, and approaches to device innovation and patent applications. A must-attend event for those who want to stay on top of their specialty! (See back cover for more information.)

Scientific Research

Late-breaking clinical science, case reviews, exhibit hall poster sessions, and the Best of the Best abstract sessions all offer an opportunity to learn directly from researchers and the biggest names in interventional and invasive cardiology. Adult and congenital abstracts presented at SCAI 2018 will be printed in a special edition of the Catheterization and Cardiovascular Interventions journal.

Live Cases

Enhance your technique and clinical decision-making skills while watching live cases broadcast via satellite from some of the top cardiac catheterization labs across the United States, including: Henry Ford Hospital; HonorHealth Heart Group; Minneapolis Heart Institute; Northshore University Hospital; University of Washington Medical Center; and University of California, San Diego Sulpizio Cardiovascular Center. Witness internationally renowned operators as they navigate the most challenging cases!

Global Summit**

Arrive early for the Tuesday evening summit and case presentations to celebrate and network with interventional and invasive cardiology’s top leaders from around the world.

Best Cases From Around the World

This educational session features more international presenters than ever before! Hear and see fascinating cases and learn from your colleagues from around the globe.

Sessions on Advanced Techniques

Come in early to SCAI 2018 for three four-hour sessions on Wednesday morning — one in each of the following tracks: Coronary, Structural, and Peripheral. You’ll learn advanced techniques and how to perform complex cases from the experts in programs such as: Complex High-Risk Interventional Procedures (CHIP I and CHIP II), Brave and the Bold: Complex Peripheral Vascular Interventions (CPVI) Summit, and Structural Heart Interventions: Advanced Techniques.

Women in Innovations**

Stay through Saturday*** for SCAI’s Women in Innovations (SCAI-WIN) program featuring women who perform innovative research and care for women with heart disease.

* Specific qualifications apply.
** Pre-registration is required. Watch for future announcements to reserve your spot.
*** Tentative, subject to change.
Pick Your Professional Path

Cath Lab Boot Camp Track
Make your cath lab even better? It’s possible! The Cath Lab Boot Camp addresses current issues in healthcare that affect the entire cath lab team. Learn management strategies with focused sessions on cath lab economics, accreditation, quality, and utilization of registries/case-based protocols for enhancing patient care. A focus on the occupational hazards of the profession and tools for radiation reduction will also be presented.

Coronary Track
This year, the Coronary Track is designed to provide a detailed review of the indications for the treatment of complex coronary disease including bifurcation and left main lesions, calcified lesions, chronic total occlusions (CTOs), and patients requiring hemodynamic support. A special focus will be placed on the techniques for performing complex interventions and tools required to build complex high-risk interventional procedures (CHIP), CTOs, and radial programs. A comprehensive update on interventional pharmacotherapy, novel stent technologies, intracoronary imaging, and physiology will be provided.

Peripheral Track
The Peripheral Track focuses on the indications, techniques, and tools required to perform basic to complex peripheral vascular interventions. Track highlights include an enhanced focus on venous intervention for acute and chronic thromboembolic disease and venous insufficiency, as well as multidisciplinary small-group sessions included in Wednesday’s Complex Peripheral Vascular Intervention satellite session.

Congenital Heart Disease Track
This track at SCAI 2018 will emphasize case-based sessions to elevate expertise through collaborative and interactive learning. Practical strategies to navigate complex cases, maximize procedural successes, and minimize complications will give all attendees new “take home” skills. The CHD Track once again partners with the Structural Heart Disease Track to bring fresh perspectives and innovation, spanning the ages from children to adults.

Structural Heart Disease Track
The Structural Heart Disease “Revolution” continues with new procedures, indications, and improved outcomes. This track will focus on transcatheter therapy for both valvular and nonvalvular structural cardiac disease. New at SCAI 2018 will be a four-hour session focused on technical skills required for performing simple to highly complicated structural heart interventions. The track will focus on techniques, tips and tricks, controversies, and evidence-based guideline recommendations for appropriate patient selection.

Fellows Summit for Complex Cases* (Formerly C3 Summit)
The world’s experts join with the Fellows-in-Training for a captivating discussion about the management of complex coronary, structural, and peripheral interventional complications. Explore the most complex cases, presented by you and your peers, for a rigorous exchange between today’s experts and tomorrow’s thought leaders. Through generous educational grants, SCAI provides interventional Fellows-in-Training with complimentary registration, hotel accommodations, and lower coach airfare (up to $500) to and from San Diego for SCAI 2018 Scientific Sessions and the Fellows Summit for Complex Cases.

*Specific qualifications apply.
**Invited Faculty USA**

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<tr>
<th>Name</th>
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<td>Jamil Aboulhosn, MD</td>
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<td>Mazen S. Abu-Fadel, MD, MD</td>
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<td>Khaldoon Alaswad, MD, MD</td>
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Walnut Creek, California

C. Michael Gibson, MD
Natick, Massachusetts

Ian C. Gilchrist, MD, FSCAI
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Brent M. Gordon, MD, FSCAI
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Srinath T. Gowda, MD
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Juan F. Granada, MD
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Bruce H. Gray, DO, FSCAI
Simpsonville, South Carolina

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Phoenix, Arizona

Adam Greenbaum, MD, FSCAI
Detroit, Michigan

Cindy L. Grines, MD, FSCAI
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Paul Michael Grossman, MD, FSCAI
Ann Arbor, Michigan

Rajiv Gulati, MD, PhD, FSCAI
Rochester, Minnesota

Paul A. Gurbel, MD
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Gregg M. Lanier, MD
Hawthorne, New York

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St. Louis, Missouri

Faisal Latif, MD, FSCAI
Oklahoma City, Oklahoma

Larry A. Latson, MD, FSCAI
Hollywood, Florida

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Daniel S. Levi, MD, FSCAI
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Michael J. Lim, MD, FSCAI
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Seattle, Washington

Juan Lopez-Maltei, MD
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Wesley Chapel, Florida

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Michael Mack, MD
Dallas, Texas

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Bram Zuckerman, MD
Durham, North Carolina

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Khalid Al Faraidy, MD, FRCP, FACC
Saudi Arabia

Owayed M. Al Shammeri, MD, MB, ChB, FSCAI
Saudi Arabia

Mirvat Alasnag, MD, FSCAI
Jeddah, Saudi Arabia

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Toronto, Canada

Rafael Beyar, MD, MPH, DSc
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Nanjing, China

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Omer Goktekin, MBBS, FSCAI
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Anil Dhall, MD, DM, FSCAI
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Timothy C. Dy, MD, FSCAI
Quezon City, Philippines

James P. Zidar, MD, FSCAI
Raleigh, North Carolina

Bram Zuckerman, MD
Durham, North Carolina

San Diego | April 25–28, 2018
Invited International Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>City, Country</th>
<th>Name</th>
<th>City, Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bashir Hanif, MD, FSCAI</td>
<td>Karachi, Pakistan</td>
<td>Kevin Harris, MD, FSCAI</td>
<td>Vancouver, Canada</td>
</tr>
<tr>
<td>Ziyad M. Hijazi, MD, MSCAI</td>
<td>Doha, Qatar</td>
<td>Stephen Hoole, MD</td>
<td>Cambridge, United Kingdom</td>
</tr>
<tr>
<td>Eric Horlick, MD, FSCAI</td>
<td>Toronto, Canada</td>
<td>Nigel Jepson, MBBS, BMedSci</td>
<td>FRACP, FCSANZ, FSCAI</td>
</tr>
<tr>
<td>Marc E. Jolicour, MD, MSc</td>
<td>Montreal, Canada</td>
<td>Mohammad I. Kurdi, MBBS,</td>
<td>FRCP, FSCAI</td>
</tr>
<tr>
<td>Sanjit S. Jolly, MD, MSc</td>
<td>Hamilton, Canada</td>
<td>Mohammad Munawar, MD, PhD,</td>
<td>FSCAI</td>
</tr>
<tr>
<td>Damien Kenny, MD, FSCAI</td>
<td>Dublin, Ireland</td>
<td>Muhammad Munawar, MD, PhD,</td>
<td>FSCAI</td>
</tr>
<tr>
<td>Yeo Khung Keong, MD, FSCAI</td>
<td>Singapore</td>
<td>Shao-Ping Nie, MD, PhD, FSCAI</td>
<td>Beijing, China</td>
</tr>
<tr>
<td>Kyong-Jin Lee, MD</td>
<td>Toronto, Canada</td>
<td>Mark D. Osten, MD, FSCAI</td>
<td>Toronto, Canada</td>
</tr>
<tr>
<td>Jianfang Luo, MD, FSCAI</td>
<td>Guangzhou, China</td>
<td>Shakeel A. Qureshi, MD, FSCAI</td>
<td>London, United Kingdom</td>
</tr>
<tr>
<td>Mary Hunt Martin, MD</td>
<td>Salt Lake City, Utah</td>
<td>Sreenivas Reddy, MD, FSCAI</td>
<td>Chandigarh, India</td>
</tr>
<tr>
<td>Kambis Mashayekhi, MD</td>
<td>Bad Krozingen, Germany</td>
<td>Oscar A. Mendiz, MD, FSCAI</td>
<td>Buenos Aires, Argentina</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sundeep Mishra, MD, DM, FSCAI</td>
<td>New Delhi, India</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Muhammad Munawar, MD, PhD,</td>
<td>FSCAI</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sameh M. Shaheen, MD, PhD,</td>
<td>FSCAI</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Abdullah Shehab, MD, PhD,</td>
<td>FSCAI</td>
</tr>
<tr>
<td></td>
<td></td>
<td>James T. Stewart, MD, FSCAI</td>
<td>Auckland, New Zealand</td>
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Hands-on Transseptal Skills Workshops

Get ready for the next wave of interventional procedures involving left atrial access such as transcatheter mitral valve repair, LAA closure, and mitral valvuloplasty by participating in the Hands-on Transseptal Workshops at SCAI 2018. Expert faculty will provide didactic learning, followed by hands-on workshop application using simulators, wet models, and devices. Upon completion of this activity, participants should be able to:

- Possess a basic understanding of the anatomy and procedure to cross the septum for left atrial access
- Understand how to apply imaging and best practices to avoid complications in transseptal puncture
- Apply skills of crossing the septum through use of hands-on models and simulation tools

Look for these workshops on Wednesday, Thursday, and Friday. Pre-registration is required. Watch for future announcements to reserve your spot.
The Cath Lab Boot Camp brings together nurses, managers, physicians, service line administrators, and hospital administrators who are interested in learning more about best practices to improve the clinical, operational, and financial performance of their lab. Sessions include information on:

- MACRA and MIPS
- Bundled payments
- New technology
- Quality metrics
- Partnering with payors
- Building a culture of safety
- Capital spending
- Radiation safety
- Cath lab accreditation
- And more...

Global Case-Based Leadership Summit: Complex Interventions Without Borders

TUESDAY, APRIL 24 | 6:30–8:30 p.m.

Join us Tuesday evening as we get off to a pre-conference start celebrating interventional cardiology’s diversity during a special case-based exchange among SCAI leaders from across the globe. Cases will include:

- Complex Coronary Intervention: High Risk PCI
- Complex Coronary Intervention: CTO
- My Worst Complication
<table>
<thead>
<tr>
<th>TIME</th>
<th>EVENT</th>
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</thead>
<tbody>
<tr>
<td><strong>TUESDAY, APRIL 24</strong></td>
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<tr>
<td>6:30–8:30 p.m.</td>
<td>Global Case-Based Leadership Summit: Complex Interventions Without Borders*</td>
</tr>
<tr>
<td><strong>WEDNESDAY, APRIL 25</strong></td>
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<tr>
<td>7:00–8:00 a.m.</td>
<td>Complex High-Risk Interventional Procedures (CHIP) I: Approach to Complex Lesions</td>
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<tr>
<td>7:00–11:00 a.m.</td>
<td>Brave and Bold: Complex Peripheral Vascular Interventions (CPVI) Summit</td>
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<tr>
<td>7:00–11:00 a.m.</td>
<td>Structural Heart Interventions: Advanced Techniques</td>
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<tr>
<td>8:00–9:00 a.m.</td>
<td>CHIP II: Approach to Complex Patients</td>
</tr>
<tr>
<td>9:30–11:00 a.m.</td>
<td>Live Cases: CHIP</td>
</tr>
<tr>
<td>11:15 a.m.–12:15 p.m.</td>
<td>Satellite Lunches</td>
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<tr>
<td>12:30–12:45 p.m.</td>
<td>Welcome by 2018 Program Chair Ehtisham Mahmud, MD, FSCAI</td>
</tr>
<tr>
<td>12:45–1:15 p.m.</td>
<td>Hildner Panel</td>
</tr>
<tr>
<td>1:30–3:00 p.m.</td>
<td>Innovations in Cardiovascular Interventions and Technology Summit (1:30–3:00 p.m.—Part I, 3:00–4:00 p.m.—Part II, 4:30–6:00 p.m.—Part III)</td>
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<tr>
<td><strong>THURSDAY, APRIL 26</strong></td>
<td></td>
</tr>
<tr>
<td>6:45–7:45 a.m.</td>
<td>Satellite Breakfasts</td>
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<tr>
<td>8:00–8:30 a.m.</td>
<td>Founders’ Lecture</td>
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<tr>
<td>8:30–9:00 a.m.</td>
<td>Annual Business Meeting and Town Hall</td>
</tr>
<tr>
<td>9:00–10:30 a.m.</td>
<td>Live Cases: Structural Heart</td>
</tr>
<tr>
<td>10:30–11:00 a.m.</td>
<td>Exhibit Hall/Abstract Poster Session III</td>
</tr>
<tr>
<td>11:00 a.m.–noon</td>
<td>Late-Breaking Clinical Science I</td>
</tr>
<tr>
<td>12:15–1:15 p.m.</td>
<td>Satellite Lunches</td>
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<tr>
<td>1:30–3:00 p.m.</td>
<td>Asian Pacific Society of Interventional Cardiology (APSIC) Case-Based Session</td>
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<tr>
<td><strong>FRIDAY, APRIL 27</strong></td>
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<tr>
<td>6:45–7:45 a.m.</td>
<td>Satellite Breakfasts</td>
</tr>
<tr>
<td>8:00–9:30 a.m.</td>
<td>Live Cases: Complex Coronary/Peripheral</td>
</tr>
<tr>
<td>9:30–10:30 a.m.</td>
<td>Interventional Controversies and Debates</td>
</tr>
<tr>
<td>10:30–11:00 a.m.</td>
<td>Exhibit Hall/Abstract Poster Session VI (CHD)</td>
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<tr>
<td>11:00 a.m.–noon</td>
<td>Late-Breaking Clinical Science II</td>
</tr>
<tr>
<td>12:15–1:15 p.m.</td>
<td>Satellite Lunches</td>
</tr>
<tr>
<td>1:30–3:00 p.m.</td>
<td>Live Cases: Adult Congenital and Structural Heart</td>
</tr>
<tr>
<td>3:30–4:30 p.m.</td>
<td>Asian Pacific Society of Interventional Cardiology (APSIC) Case-Based Session</td>
</tr>
<tr>
<td>4:30–4:45 p.m.</td>
<td>Presidential Address by David A. Cox, MD, MSc, FSCAI, President 2018–2019</td>
</tr>
<tr>
<td>4:45–5:15 p.m.</td>
<td>Member Induction and FSCAI Ceremony</td>
</tr>
<tr>
<td>5:15–5:30 p.m.</td>
<td>MSCAI Ceremony</td>
</tr>
<tr>
<td>5:30–6:00 p.m.</td>
<td>Keynote Speaker and Book Signing: Roberto Canessa, MD</td>
</tr>
<tr>
<td>6:00–7:30 p.m.</td>
<td>Annual Celebration and Book Signing: Roberto Canessa, MD</td>
</tr>
</tbody>
</table>

*S Schedule is tentative and subject to change.*

*Pre-registration is required. Watch for future announcements to reserve your spot.*
WEDNESDAY, APRIL 25

7:00–8:00 a.m. Complex High-Risk Interventional Procedures (CHIP) I: Approach to Complex Lesions

7:00 a.m. Preparing for the Battle: Access, Equipment, Strategy, and Technique

7:12 a.m. How to Treat Severely Calcified Lesions: Tips and Tricks

7:24 a.m. Approach to Left Main and Bifurcation Lesions

7:36 a.m. Complete Revascularization for Multivessel Disease: When and How?

7:48 a.m. Discussion

8:00–9:00 a.m. CHIP II: Approach to Complex Patients

8:00 a.m. Revascularization in Cardiogenic Shock and Advanced Heart Failure: Who? When? How?

8:12 a.m. When to Use Hemodynamic Support and Device Selection: Tips and Tricks

8:24 a.m. Team Building and Team-Based Approach to the CHIP Patient

8:36 a.m. Managing CHIP Complications

8:48 a.m. Discussion

1:30–3:00 p.m. CTO Interventions: From Basics to Advanced Techniques

1:30 p.m. Building a Successful CTO PCI Program: Why, When, and Which Tools?

1:40 p.m. Antegrade Wire Escalation and Antegrade Dissection/Re-Entry Techniques: Step-by-Step Approach

1:50 p.m. Retrograde Technique/Epicardial Collaterals/Bypass Grafts: Step-by-Step Approach

2:00 p.m. Systematic Approach to CTO: The Hybrid Approach

2:10 p.m. Balloon-Uncrossable or -Undilatable Lesions: Now What?

2:20 p.m. Complications of CTO PCI and Their Management

2:30 p.m. When to Stop? Preventing Radiation and Contrast Injury

2:40 p.m. Discussion

3:00–4:00 p.m. Cardiogenic Shock and Hemodynamic Support: Case-Based Presentations

3:00 p.m. Understanding Shock Is the First Step to Winning the Battle

3:10 p.m. Left-Sided Support: When and How?

3:20 p.m. Right-Sided Support: When and How?

3:30 p.m. Approach to Biventricular Support: ECMO, Impella, and Tandem Heart

3:40 p.m. Discussion

4:30–5:15 p.m. Contemporary Approach to Left Main and Bifurcation Lesions

4:30 p.m. Complexity of Left Main Disease: Case-Based Presentation

4:35 p.m. Evidence-Based Approach to Choosing PCI Versus CABG in Left Main Disease

4:43 p.m. ABCs of Bifurcation Stenting Trials: Navigating Through the Data

4:53 p.m. Step-by-Step Approach to Bifurcation Stenting Techniques

5:03 p.m. Discussion

5:15–6:00 p.m. Calcified and Complex Coronary Lesions: Avoiding Stent Regret

5:15 p.m. Imaging to Guide PCI Decisions: Angiography, IVUS, or OCT

5:23 p.m. Atherectomy for Severely Calcified or Undilatable Lesions: Rotational, Orbital, Laser

5:31 p.m. Treating Challenging SVG Disease: Tips and Tricks

5:39 p.m. Difficulty With Equipment Delivery: Tortuosity and Angulated Lesions

5:47 p.m. Discussion
THURSDAY, APRIL 26

9:00–10:30 a.m. Controversies in Interventional Pharmacology

Debate I: Heparin vs. Bivalirudin
9:00 a.m. Let's Put This Debate to Rest: Heparin Is the Gold Standard
9:07 a.m. Not So Fast: Bivalirudin Data Are Strong!

Debate II: Antiplatelet Therapy — Preloading, Oral, and Intravenous Agents
9:14 a.m. GP IIb/IIIa Inhibitors: Oldies but Goodies
9:21 a.m. Cangrelor: Changing the Old Habits
9:28 a.m. Preload and Use Prasugrel/Ticagrelor: Common Sense Versus Data
9:35 a.m. No Preload: Keep It Simple; Heparin Is All You Need

Debate III: Optimal DAPT Duration
9:42 a.m. Short DAPT: Nothing Wrong With Stopping Short
9:49 a.m. Long DAPT: Go Long or Go Home
9:56 a.m. DAPT Interruption and Bridging
10:06 a.m. Challenges of Triple Therapy: When and Which?
10:16 a.m. Discussion

11:00 a.m. Coronary Imaging and Physiology: Case-Based Presentations
11:00 a.m. Overview of Coronary Physiology and How to Apply It
11:10 a.m. Noninvasive Approach to FFR: CT FFR
11:20 a.m. FFR: The New Gold Standard — Data Don't Lie
11:30 a.m. Adenosine-Free Coronary Assessment: IFR and Contrast FFR
11:40 a.m. Coronary Imaging: Does ILUMIEN-III Change the Game for IVUS or OCT?
11:50 a.m. Discussion

1:30–3:00 p.m. Transradial Interventional Program — Vascular Access Safety Course (TRIP-VASC) I: Radial and Femoral — Case-Based Presentations

1:30 p.m. Effect of Access Site on Post-PCI Kidney Injury
1:40 p.m. Strategies to Reduce Radiation Exposure During Radial Procedures
1:50 p.m. Minimizing Radial Artery Occlusion
2:00 p.m. Large-Bore Femoral: Access, Closure, and Pre-Closure
2:10 p.m. Discussion
2:20 p.m. Access Site and Same-Day Discharge After PCI
2:30 p.m. Managing Access Site Complications: Femoral
2:40 p.m. Managing Access Site Complications: Radial
2:50 p.m. Discussion

3:30–5:00 p.m. TRIP-VASC II: Complex Radial Interventions — Case-Based Presentations
3:30 p.m. Ultrasound-Guided Radial Access: A Primer
3:40 p.m. Large-Bore Radial Access: Tips and Tricks
3:50 p.m. Ulnar Access When Radial Access Has Failed
4:00 p.m. Snuffbox Distal Radial Access: Novel Approach?
4:10 p.m. Discussion
4:20 p.m. Tips to Deal With Complex Arm and Chest Vasculature
4:30 p.m. Complex PCI and CTO From Radial Access
4:40 p.m. Radial Access in STEMI and Shock: The Last Frontier
4:50 p.m. Discussion
## Schedule at a Glance by Track

**CORONARY TRACK**

**FRIDAY, APRIL 27**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00–9:30 a.m.</td>
<td>Stent Design and Bioresorbable Technology</td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td>Absorbable Polymers: Can We Believe the Data?</td>
</tr>
<tr>
<td>8:10 a.m.</td>
<td>Should We Step Back? Nano-Coated Technology</td>
</tr>
<tr>
<td>8:20 a.m.</td>
<td>Absorbable Scaffolds: RCTs and Registry Data</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>Discussion</td>
</tr>
<tr>
<td>8:45 a.m.</td>
<td>Stent Selection: How I Do It</td>
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<tr>
<td>8:55 a.m.</td>
<td>Optimizing Outcomes With Bioresorbable Scaffolds: Lesion Selection, Preparation, and Imaging</td>
</tr>
<tr>
<td>9:05 a.m.</td>
<td>Future of Bioabsorbable Technology: Where We’ll Be in Five Years</td>
</tr>
<tr>
<td>9:15 a.m.</td>
<td>Discussion</td>
</tr>
<tr>
<td>9:30–10:30 a.m.</td>
<td>New Technology and/or Techniques: First-in-Man Experience (Coronary Case Submissions)</td>
</tr>
<tr>
<td>11:00 a.m.–noon</td>
<td>Fellow Case Presentations: What Would Experts Do?</td>
</tr>
<tr>
<td>1:30–3:00 p.m.</td>
<td>All Hands on Deck: Managing Complications</td>
</tr>
<tr>
<td>1:30 p.m.</td>
<td>How to Treat Coronary Perforation</td>
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<tr>
<td>1:40 p.m.</td>
<td>How to Treat Coronary Dissection</td>
</tr>
<tr>
<td>1:50 p.m.</td>
<td>Acute Vessel Closure: Now What?</td>
</tr>
<tr>
<td>2:00 p.m.</td>
<td>Discussion</td>
</tr>
<tr>
<td>2:15 p.m.</td>
<td>Stent Is Gone: Equipment Loss and/or Entrapment</td>
</tr>
<tr>
<td>2:25 p.m.</td>
<td>Cold Foot After PCI: Managing Vascular Complications</td>
</tr>
<tr>
<td>2:35 p.m.</td>
<td>How to Prevent Contrast and Radiation Injury</td>
</tr>
<tr>
<td>2:45 p.m.</td>
<td>Discussion</td>
</tr>
<tr>
<td>3:30–4:30 p.m.</td>
<td>Cath Conference: Challenging and Complex Cases</td>
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<tr>
<td>3:30 p.m.</td>
<td>Cardiogenic Shock Patient With Multivessel Disease: Complete Revascularization and When?</td>
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<tr>
<td>3:40 p.m.</td>
<td>Stable Multivessel Disease, High Syntax, Low EF</td>
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<tr>
<td>3:50 p.m.</td>
<td>Unprotected Distal Left Main Disease: PCI vs. CABG?</td>
</tr>
<tr>
<td>4:00 p.m.</td>
<td>Stable Single Vessel CAD: What Have We Learned From ORBITA?</td>
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<tr>
<td>4:10 p.m.</td>
<td>Spontaneous Coronary Artery Dissection: Resist the Temptation</td>
</tr>
<tr>
<td>4:20 p.m.</td>
<td>Discussion</td>
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</tbody>
</table>
PERIPHERAL TRACK

WEDNESDAY, APRIL 25

7:00–11:00 a.m. Brave and Bold: Complex Peripheral Vascular Interventions (CPVI) Summit

THURSDAY, APRIL 26

9:00–10:30 a.m. New Frontiers in Acute and Chronic Thromboembolic Pulmonary Disease

9:00 a.m. Challenges to Forming a PERT: How We Did It

9:10 a.m. Risk Stratification and Management of PE: How to Reconcile Societal Chaos

9:20 a.m. Anticoagulation for VTE in the NOAC Era and in Patients on DAPT: How and for How Long?

9:30 a.m. Discussion

9:45 a.m. Management of Intermediate and High-Risk PE: When to Intervene

9:55 a.m. Invasive Management of Intermediate and High-Risk PE: Tools of the Trade

10:05 a.m. CTEPH: Don’t Bring a Knife to a Balloon Fight

10:15 a.m. Discussion

11:00 a.m.–noon Deep Venous Thrombosis (DVT): More Than Just Pills

11:00 a.m. Invasive Management of Iliofemoral DVT: Is There Still a Role for CDT Following the ATTRACT Trial?

11:10 a.m. Venous Stenting: When, How, and What Type?

11:20 a.m. IVC Filters—When to Hold ‘Em and When to Fold ‘Em

11:30 a.m. Prevention and Management of Post-Thrombotic Syndrome

11:40 a.m. Discussion

1:30–3:00 p.m. Superficial Venous Disease: Going Beyond Cosmetics

1:30 p.m. Clinical Scores and Noninvasive Vascular Imaging for Diagnosis and Follow Up

1:40 p.m. Appropriateness of Medical vs. Invasive Therapy for Superficial Venous Disease
Schedule at a Glance by Track

PERIPHERAL TRACK

FRIDAY, APRIL 27

8:00–9:30 a.m. Claudication: Old Disease, New Therapies 1:30–3:00 p.m. Critical Limb Ischemia (CLI): How Far Is Too Far?
8:00 a.m. Noninvasive Imaging Pearls 1:30 p.m. Noninvasive Imaging for CLI (U/S, CTA, and MRA)
8:10 a.m. Medicines and Exercise: Complementary or Competitive With PVI?
8:20 a.m. Common Femoral Artery Disease: Scrape, Stretch, or Sew?
8:30 a.m. Discussion
8:40 a.m. I Can See Clearly Now: Image-Guided Crossing and Re-Entry 1:50 p.m. Flying Blind Works: Crossing and Re-Entry Techniques for Long CTOs
8:50 a.m. Atherectomy: Spin It to Win It 2:00 p.m. Discussion
9:00 a.m. Cutting/Scoring Balloons + DCB: Sewing the Seeds for Success
9:10 a.m. Stents and Covered Stents: When to Wear a Jacket
9:20 a.m. Discussion
9:30–10:30 a.m. Carotid Artery Disease: Carotid Endarterectomy (CEA), Stenting, or Back to Medical Therapy?
9:30 a.m. Carotid Disease Management: Review of the Data
9:40 a.m. Noninvasive Cerebrovascular Imaging Pearls
9:50 a.m. Evidence-Based Approach to Reducing Procedural Variation
10:00 a.m. TCAR: Is There a Role for the Interventional Cardiologist?
10:10 a.m. Discussion
11:00 a.m.–noon Aortic, Renal, and Mesenteric Disease: Case-Based Approaches
11:00 a.m. Noninvasive Imaging for Aortic, Renal, and Mesenteric Disease
11:10 a.m. Update on AAA and TAA: EVAR/TEVAR and Open Repair
11:20 a.m. Endovascular Management of Mesenteric Ischemia
11:30 a.m. RAS: Are There Any Remaining Indications for Revascularization?
11:40 a.m. Discussion
### structural track

**wednesday, april 25**

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
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<tbody>
<tr>
<td>7:00–11:00 a.m.</td>
<td>Structural Heart Interventions: Advanced Techniques</td>
<td>1:50 p.m.</td>
<td>Challenging Transseptal Cases</td>
</tr>
<tr>
<td>7:00–9:00 a.m.</td>
<td>The Fundamentals of Transcatheter Aortic and Mitral Valve Replacement</td>
<td>2:00 p.m.</td>
<td>Discussion</td>
</tr>
<tr>
<td>7:00 a.m.</td>
<td>Cardiac CT Imaging: Planning the Procedure</td>
<td>2:15 p.m.</td>
<td>Cardiac Tamponade: Recognizing and Treating — Quickly</td>
</tr>
<tr>
<td>7:12 a.m.</td>
<td>Large-Bore Transfemoral Access: Getting In and Out</td>
<td>2:25 p.m.</td>
<td>Treating Vascular Complications: From Balloons to Covered Stents</td>
</tr>
<tr>
<td>7:24 a.m.</td>
<td>Optimizing Balloon Expandable TAVR: Tips and Tricks</td>
<td>2:35 p.m.</td>
<td>Fishing Out the Lost Device: Snaring 101</td>
</tr>
<tr>
<td>7:36 a.m.</td>
<td>Optimizing Self-Expanding TAVR: Tips and Tricks</td>
<td>2:45 p.m.</td>
<td>Discussion</td>
</tr>
<tr>
<td>7:48 a.m.</td>
<td>Discussion</td>
<td>3:00–4:00 p.m.</td>
<td>Nonvalvular Interventions: Treating Bumps, Holes, and Tunnels</td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td>Minimalist TAVR: Should It Be the Standard?</td>
<td>3:10 p.m.</td>
<td>Septal Ablation for HOCM: Selecting the Patient</td>
</tr>
<tr>
<td>8:12 a.m.</td>
<td>Alternative Access: What Are the Options?</td>
<td>3:20 p.m.</td>
<td>Optimizing Septal Ablation Outcomes</td>
</tr>
<tr>
<td>8:24 a.m.</td>
<td>Setting Up for Success: Crossing the Septum</td>
<td>3:30 p.m.</td>
<td>Ventricular Septal Defect Closures: Technique and Outcomes</td>
</tr>
<tr>
<td>8:36 a.m.</td>
<td>Sapien 3 Mitral Valve in Valve Case: Step by Step</td>
<td>3:40 p.m.</td>
<td>Closing Coronary Fistulas and Aneurysms: When and How?</td>
</tr>
<tr>
<td>8:48 a.m.</td>
<td>Discussion</td>
<td>4:30–5:15 p.m.</td>
<td>PFO/ASD Closure: The Jury Is In!</td>
</tr>
<tr>
<td>9:30–11:00 a.m.</td>
<td>Mitral Repair/Left Atrial Appendage Exclusion/Patent Foramen Ovale Closure</td>
<td>4:30 p.m.</td>
<td>PFO: When to Close</td>
</tr>
<tr>
<td>9:30 a.m.</td>
<td>Imaging for Mitraclip: Patient Selection and Procedural Guidance</td>
<td>4:40 p.m.</td>
<td>ICE vs. TEE for PFO Closure and Other Procedures</td>
</tr>
<tr>
<td>9:42 a.m.</td>
<td>The Optimal Mitraclip Procedure: Tips and Tricks</td>
<td>4:50 p.m.</td>
<td>Closing the Complex ASD</td>
</tr>
<tr>
<td>9:54 a.m.</td>
<td>Mitral Valvuloplasty: Who and How?</td>
<td>5:00 p.m.</td>
<td>Challenging PFO Closures: Large ASAs, Long Tunnels, and More</td>
</tr>
<tr>
<td>10:06 a.m.</td>
<td>The ABCs of Closing an ASD: Technique and Devices</td>
<td>5:10 p.m.</td>
<td>Discussion</td>
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<tr>
<td>10:18 a.m.</td>
<td>The ABCs of Closing a PFO: Technique and Devices</td>
<td>5:15 p.m.</td>
<td>Tricuspid Regurgitation: How to Assess, When to Treat</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>LAA Occlusion With Watchman: Step by Step</td>
<td>5:25 p.m.</td>
<td>Mitrail for TV Regurgitation: Case and Review</td>
</tr>
<tr>
<td>1:30–3:00 p.m.</td>
<td>Structural Interventions: A Procedural Toolbox</td>
<td>5:35 p.m.</td>
<td>Tricuspid Valve in Valve and Ring: Tips and Tricks</td>
</tr>
<tr>
<td>1:30 p.m.</td>
<td>Essential Invasive Hemodynamics for SHD Procedures</td>
<td>5:45 p.m.</td>
<td>Coming to a Trial Near You: Dedicated Tricuspid Valve Repair</td>
</tr>
<tr>
<td>1:40 p.m.</td>
<td>Transseptal Puncture Made Easy</td>
<td>5:55 p.m.</td>
<td>Discussion</td>
</tr>
</tbody>
</table>
## THURSDAY, APRIL 26

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<tr>
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<tbody>
<tr>
<td>9:00–10:30 a.m.</td>
<td><strong>TAVR Academy I: Expanding Indications and Optimizing Outcomes</strong></td>
<td></td>
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<tr>
<td>9:00 a.m.</td>
<td>TAVR Guidelines Update: Who, When, How?</td>
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<tr>
<td>9:10 a.m.</td>
<td>Low-Flow, Severe AS: When Does TAVR Help?</td>
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<tr>
<td>9:20 a.m.</td>
<td>Aortic Valvuloplasty in the TAVR Era: When and How?</td>
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<tr>
<td>9:30 a.m.</td>
<td>Discussion</td>
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<tr>
<td>9:45 a.m.</td>
<td>Bicuspid Valve TAVR: Tips and Tricks</td>
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<tr>
<td>9:55 a.m.</td>
<td>The Hostile Aortic Root: Avoiding Complications</td>
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<tr>
<td>10:05 a.m.</td>
<td>Aortic Valve in Valve: Optimizing Outcomes</td>
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<tr>
<td>10:15 a.m.</td>
<td>Discussion</td>
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<tr>
<td>11:00 a.m.–noon</td>
<td><strong>TAVR Academy II: Controversies and Complex Decision Making</strong></td>
<td></td>
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<tr>
<td>11:00 a.m.</td>
<td>Choices, Choices: Picking a Valve</td>
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<tr>
<td>11:10 a.m.</td>
<td>TAVR for Aortic Insufficiency: Technique and Outcomes</td>
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<tr>
<td>11:20 a.m.</td>
<td>Severe CAD in the TAVR Patient: Stent, OMT, or CABG/SAVR?</td>
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<tr>
<td>11:30 a.m.</td>
<td>Alternative Access: Transcaval</td>
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<tr>
<td>11:35 a.m.</td>
<td>Alternative Access: Transaxillary</td>
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<tr>
<td>11:40 a.m.</td>
<td>When to Say No: TAVR Futility</td>
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<tr>
<td>11:50 a.m.</td>
<td>Discussion</td>
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<tr>
<td>1:30–3:00 p.m.</td>
<td><strong>TAVR Academy III: Unresolved Issues and Future Directions</strong></td>
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<tr>
<td>1:30 p.m.</td>
<td>Debate: Cerebral Embolic Protection: Protect Everyone</td>
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<tr>
<td>1:35 p.m.</td>
<td>Debate: Cerebral Embolic Protection: Use Selectively</td>
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<tr>
<td>1:40 p.m.</td>
<td>Valve Thrombosis: Diagnosis, Treatment, and Prevention</td>
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<tr>
<td>1:50 p.m.</td>
<td>Surgical vs. Transcatheter Valve Durability</td>
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<tr>
<td>2:00 p.m.</td>
<td>Discussion</td>
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<tr>
<td>2:15 p.m.</td>
<td>Aiming Lower: TAVR in the Surgically Low-Risk Patient</td>
<td></td>
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<tr>
<td>2:25 p.m.</td>
<td>Heart Valves on the Horizon</td>
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</table>

*Schedule is tentative and subject to change.*
## Schedule at a Glance by Track

### STRUCTURAL TRACK

**FRIDAY, APRIL 27**

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00–9:30 a.m.</td>
<td>Transcatheter Mitral Valve Repair: Beyond the Basics</td>
<td>11:00 a.m.–noon</td>
<td>Paravalvular Leaks: How to Plug the Hole</td>
</tr>
<tr>
<td>8:00 a.m.</td>
<td>Advanced Echo Guidance of Transcatheter Mitral Repair</td>
<td>11:00 a.m.</td>
<td>A Review of the Data and the Tools</td>
</tr>
<tr>
<td>8:10 a.m.</td>
<td>Beyond A2/P2: Advanced Edge-to-Edge Repair</td>
<td>11:10 a.m.</td>
<td>Closing the Mitral Paravalvular Leak: Case</td>
</tr>
<tr>
<td>8:20 a.m.</td>
<td>Avoiding and Managing Mitraclip Complications</td>
<td>11:20 a.m.</td>
<td>Closing the SAVR Paravalvular Leak: Case</td>
</tr>
<tr>
<td>8:30 a.m.</td>
<td>Discussion</td>
<td>11:30 a.m.</td>
<td>Closing the TAVR Paravalvular Leak: Case</td>
</tr>
<tr>
<td>8:45 a.m.</td>
<td>Mitraclip for Non-High-Risk Patients: Should the Bar Be Lowered?</td>
<td>11:40 a.m.</td>
<td>Discussion</td>
</tr>
<tr>
<td>8:55 a.m.</td>
<td>Mitraclip for Functional MR</td>
<td>1:30–3:00 p.m.</td>
<td>SHD/CHD Combined Part I: Learning From Each Other</td>
</tr>
<tr>
<td>9:05 a.m.</td>
<td>Emerging Repair Strategies: Annuloplasty, Artificial Chords, Etc.</td>
<td>1:30 p.m.</td>
<td>Pulmonic Valve Replacement Case</td>
</tr>
<tr>
<td>9:15 a.m.</td>
<td>Discussion</td>
<td>1:40 p.m.</td>
<td>Discussion</td>
</tr>
<tr>
<td>9:30–10:30 a.m.</td>
<td>Transcatheter Mitral Valve Replacement: The Promise and the Problems</td>
<td>1:45 p.m.</td>
<td>Pulmonary Artery Intervention Case</td>
</tr>
<tr>
<td>9:30 a.m.</td>
<td>The Role of Imaging in Patient and Prosthesis Selection</td>
<td>1:55 p.m.</td>
<td>Discussion</td>
</tr>
<tr>
<td>9:40 a.m.</td>
<td>Mitral Valve-in-Valve Ring: Tips and Tricks</td>
<td>2:00 p.m.</td>
<td>Pulmonary Vein Intervention Case</td>
</tr>
<tr>
<td>9:50 a.m.</td>
<td>Mitral Valve in MAC: The Outcomes, Pitfalls, and Potential Solutions</td>
<td>2:10 p.m.</td>
<td>Discussion</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Mitral Valve Replacements on the Horizon</td>
<td>2:15 p.m.</td>
<td>Aortic Coarctation Treatment Case</td>
</tr>
<tr>
<td>10:10 a.m.</td>
<td>Discussion</td>
<td>2:25 p.m.</td>
<td>Discussion</td>
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**11:00 a.m.–noon**

**SHD/CHD Combined Part I:** Learning From Each Other

- Pulmonic Valve Replacement Case
- Discussion
- Pulmonary Artery Intervention Case
- Discussion
- Pulmonary Vein Intervention Case
- Discussion
- Aortic Coarctation Treatment Case
- Discussion
- TAVR Case
- Discussion
- VSD Closure Case
- Discussion

**3:30–4:30 p.m.**

**SHD/CHD Combined Part II:** We Blew It Together!
Schedule at a Glance by Track

CONGENITAL TRACK

WEDNESDAY, APRIL 25

1:30–3:00 p.m.  Pulmonary Vein Stenosis: Mission Impossible?
   - 1:30 p.m.  Taped Case Presentation
   - 1:45 p.m.  What Do We Know Now?
   - 1:57 p.m.  Access Techniques
   - 2:09 p.m.  Target Lesion Therapies
   - 2:21 p.m.  Medical Therapies: Magic Pills?
   - 2:33 p.m.  Therapies in Older Patients
   - 2:45 p.m.  Discussion

3:00–4:00 p.m.  The Known Unknowns: Tips and Tricks
   - 3:00 p.m.  Anticoagulation: Before, During, and After
   - 3:10 p.m.  Ghost Vessels: Bringing Back Life
   - 3:20 p.m.  Vascular Embolization: Beyond Plugs
   - 3:30 p.m.  Acute Thrombus Removal
   - 3:40 p.m.  Practical Unzipping
   - 3:50 p.m.  Discussion

4:30–5:15 p.m.  Coronary Interventions in Pediatrics
   - 4:30 p.m.  Taped Case Presentation
   - 4:40 p.m.  Tools of the Trade
   - 4:50 p.m.  Advanced Coronary Imaging
   - 5:00 p.m.  Taking the Lead: Peds vs. Adult
   - 5:10 p.m.  Discussion

5:15–6:00 p.m.  3-D Imaging for Interventions
   - 5:15 p.m.  Case-Based Presentation: 3-D Printing
   - 5:25 p.m.  Case-Based Presentation: CT/MRI Fusion
   - 5:35 p.m.  Rotational Imaging: Recipes for Success
   - 5:45 p.m.  MRI-Guided Therapy
   - 5:55 p.m.  Discussion

THURSDAY, APRIL 26

9:00–10:30 a.m.  Transcatheter Pulmonary Valve Replacement (TPVR): Beyond the Basics
   - 9:00 a.m.  Taped Case: Large Outflow Tract
   - 9:15 a.m.  Outcomes and Expectations
   - 9:27 a.m.  Sapien Nuances
   - 9:39 a.m.  Melody Modifications
   - 9:51 a.m.  Pop Goes the Valve Ring
   - 10:03 a.m.  Large Outflow Devices: On the Horizon
   - 10:15 a.m.  Discussion

11:00 a.m.–noon  The Transseptal Puncture: Advanced Techniques
   - 11:00 a.m.  Case Presentation: HLHS With Intact Septum
   - 11:10 a.m.  Specialized Tools of the Trade
   - 11:20 a.m.  Site-Specific Atrial Puncture
   - 11:30 a.m.  Nonseptal Puncture
   - 11:40 a.m.  Assistive Imaging
   - 11:50 a.m.  Discussion

1:30–2:00 p.m.  Mullins Lecture: Jacqueline Kreutzer, MD, FSCAI, Chief of the Division of Pediatric Cardiology, Children’s Hospital of Pittsburgh of UPMC

2:00–3:00 p.m.  Abstracts: Best of the Best

3:30–5:00 p.m.  I Blew It!
FRIDAY, APRIL 27

8:00–9:30 a.m. Interventional Management for Neonatal Tetralogy of Fallot (TOF)
  8:00 a.m. Taped Case: RVOT Stenting
  8:15 a.m. PDA Stenting: Techniques
  8:25 a.m. Balloon Valvuloplasty: Techniques
  8:35 a.m. RVOT Stenting: Techniques
  8:45 a.m. Discussion
  9:00 a.m. Debate: Primary Surgical Repair Should Remain the Standard
  9:10 a.m. Debate: Catheter Interventions Should Become the New Standard
  9:20 a.m. Rebuttal: Surgical Repair Is Still King
  9:25 a.m. Rebuttal: Catheters Over Scalpels
  9:30–10:30 a.m. Interventional Jeopardy
  10:30–11:00 a.m. Exhibit Hall/Poster Session VI (CHD)
  11:00 a.m.–noon The Young Guns: Bullets and Blanks
    11:05 a.m. Clinical Case 1: I Found Out When More Was Better
    11:20 a.m. Clinical Case 2: I Found Out When Less Was Better
    11:35 a.m. Decision-Making Skills for Young Interventionalists: One Perspective
    11:45 a.m. Decision-Making Skills for Young Interventionalists: Another Perspective
    11:55 a.m. Discussion
  1:30–3:00 p.m. SHD/CHD Combined Part I: Learning From Each Other
    1:30 p.m. Pulmonic Valve Replacement Case
    1:40 p.m. Discussion
    1:45 p.m. Pulmonary Artery Intervention Case
    1:55 p.m. Discussion
    2:00 p.m. Pulmonary Vein Intervention Case
    2:10 p.m. Discussion
    2:15 p.m. Aortic Coarctation Treatment Case
    2:25 p.m. Discussion
    2:30 p.m. TAVR Case
    2:40 p.m. Discussion
    2:45 p.m. VSD Closure Case
    2:55 p.m. Discussion
  3:30–4:30 p.m. SHD/CHD Combined Part II: We Blew It Together!
CATH LAB BOOT CAMP

THURSDAY, APRIL 26

9:00–10:30 a.m. SCAI/American College of Cardiology (ACC) Joint Session I: Cath Lab Economics 2018

9:00 a.m. MACRA and MIPs: Where Are We Now?
9:10 a.m. The Past, Present, and Future of Bundled Payments
9:20 a.m. Volume vs. Value?: How to Reduce Cath Lab Costs in 2018
9:30 a.m. Discussion
9:45 a.m. Value-Based STEMI Care: An Opportunity
9:55 a.m. Cath Lab Efficiency: How to Save Time and Money With Less Stress
10:05 a.m. Value and New Technologies in the Cath Lab: The View From Industry
10:15 a.m. Discussion
11:00 a.m.–noon SCAI/ACC Joint Session II: Registries and Quality Metrics

11:00 a.m. What Are Appropriate Quality Measures for PCI in 2018?
11:10 a.m. NCDR: Reducing Variability and Improving Quality
11:20 a.m. Structured Cath Reports and the Role of the EMR
11:30 a.m. Registries: Partnering With Payors to Improve Outcomes
11:40 a.m. Discussion
1:30–3:00 p.m. Leadership: Partnering for Success

1:30 p.m. The Evolving Role of the Cath Lab Director
1:40 p.m. The Evolving Role of the Cath Lab Administrator
1:50 p.m. Establishing a Safety Culture in the Cath Lab

2:00 p.m. Discussion
2:15 p.m. The Cardiovascular Service Line: An Administrator Perspective
2:25 p.m. The Cardiovascular Service Line: A Physician Perspective
2:35 p.m. Capital Spending: Selecting Technology and Equipment for the New Lab
2:45 p.m. Discussion
3:30–5:00 p.m. Keeping the Cath Lab Safe for Patients and Operators

3:30 p.m. Patient Radiation Skin Injury: Frequency, Prevention, and Treatment
3:40 p.m. Operator Risks: Does Radiation Lead to Cancer, Cataracts, and Reproductive Issues?
3:50 p.m. Health Hazards Beyond Radiation: Orthopedic and Cardiovascular Risk
4:00 p.m. Discussion
4:15 p.m. Reducing Exposure and Injury
4:25 p.m. Reducing Exposure: Is Robotic PCI an Answer?
4:35 p.m. Sleep Deprivation: A Problem?
4:45 p.m. Discussion
CATH LAB BOOT CAMP

FRIDAY, APRIL 27

8:00–9:30 a.m.  SCAI/Intersocietal Accreditation Commission (IAC) Joint Session: Accreditation and Tools for Success

1:30–3:00 p.m.  Best Practices in an AUC World: Case-Based Strategies

8:00 a.m.  Overview of Cath Lab Accreditation
1:30 p.m.  What Are the New AUC All About? (Coronary and Peripheral)

8:10 a.m.  Accreditation and Cath Reports: Where to Begin
1:40 p.m.  APPs to Help You: AUC and Others

8:20 a.m.  How IAC Accredits Your Cath Lab: Nuts and Bolts
1:50 p.m.  Case-Based Approach: What Would AUC Say About This Case?

8:30 a.m.  Discussion: Role and Benefits of Cath Lab Accreditation
2:00 p.m.  Discussion

8:30 a.m.  Obtaining High-Quality Hemodynamic Recordings in the Cath Lab
2:15 p.m.  TRAnsition for Value: SCAI’s Transradial Quality Initiative to Maximize Value of PCI

8:40 a.m.  Arterial and Venous Access: How to Do It Best
2:25 p.m.  SCAI Peripheral Artery Disease (PAD) Toolkit

8:50 a.m.  Why You Need IVUS, FFR, and OCT: Role of Ancillary Imaging
2:35 p.m.  SCAI Best Practices: CAD, PAD, and Noninvasive

9:00 a.m.  Arterial Sheath Removal: Role of Closure and Other Devices
2:45 p.m.  Discussion

9:05 a.m.  CV Professionals: Adding a Skill Set to the Cath Lab and the TAVR Lab
3:30–4:30 p.m.  Protocols and Procedures: Optimizing Success in the Cath Lab

9:15 a.m.  Discussion: Expanding the Cath Lab Team
3:30 p.m.  STEMI Care: Relooking at Your STEMI Protocol in 2018

9:30–10:30 a.m.  Basic Clinical Skills
3:40 p.m.  TAVR: Fast-Track Protocol and Early Discharge

9:30 a.m.  Obtaining High-Quality Hemodynamic Recordings in the Cath Lab
3:50 p.m.  Radial Access Protocol: Less Bleeding, Improved Patient Satisfaction

9:40 a.m.  Arterial and Venous Access: How to Do It Best
4:00 p.m.  Same-Day Discharge After PCI: How to Implement a Protocol

9:50 a.m.  Why You Need IVUS, FFR, and OCT: Role of Ancillary Imaging
4:10 p.m.  SHOCK Protocol: Ready for Anything

10:00 a.m.  Arterial Sheath Removal: Role of Closure and Other Devices
4:20 p.m.  Discussion

10:05 a.m.  CV Professionals: Adding a Skill Set to the Cath Lab and the TAVR Lab

10:10 a.m.  Discussion

11:00 a.m.–noon  Complex Decision Making: In the Public Eye

11:00 a.m.  Update on Public Reporting: What We Report, What Our Patients See

11:10 a.m.  Public Reporting: Does It Lead to Better Outcomes?

11:20 a.m.  Approaches to High-Risk Reporting: Massachusetts and New York Solutions

11:30 a.m.  Case Presentation: AMI/Cardiac Arrest Decision Making

11:40 a.m.  Discussion

Register Online: www.SCAI.org/SCAI2018
Schedule at a Glance by Track

SATURDAY SESSIONS

SATURDAY, APRIL 28

7:30 a.m.–1:00 p.m. Emerging Leader Mentorship (ELM) Program*

7:30 a.m. Industry Breakfast
Welcome and Updates

7:45 a.m. What Is Industry Looking for in a National Leader?

8:15 a.m. Who Is the Ideal Mentee?

8:45 a.m. How I Got Where I Am: My Greatest Successes and Failures

9:30 a.m. Time Management and How to Effectively Split Your Time Between Clinical, Scholarly, Educational, and Personal/Family Demands

10:00 a.m. Academic Promotion Models and How to Plan for Your Promotion While Prioritizing National Leadership

10:30 a.m. How to Get on Editorial Boards, Become an Editor-in-Chief, or Write Your Own Book: Is It Worth It From a Leadership Standpoint?

10:45 a.m. Cardiac Tumor Biopsy in the Cath Lab, Indications, and Keys to Success

8:00 a.m.–noon Cardio-Oncology and Interventional Cardiology

8:00 a.m. Cardio-Oncology in the Cath Lab: Achievements and Challenges

8:10 a.m. Acute Coronary Syndrome in Cancer Patients: Medical Management vs. Early Invasive Approach

8:20 a.m. POBA, BMS, DES, or Bioabsorbable Stents in Cancer Patients

8:30 a.m. Cancer in the Cath Lab: How Does Chemotherapy Affect the Progression of CAD and Stent Endothelialization?

8:40 a.m. Optical Coherence Tomography-Guided Discontinuation of Dual Antiplatelet Therapy in Cancer Patients

8:50 a.m. Cancer Patients and CAD: An Algorithm to Identify the Best Road Forward (PCI vs. CABG vs. Hybrid)

9:00 a.m. Discussion

9:10 a.m. FFR-Guided PCI in Cancer Patients

9:20 a.m. Cardiac Tamponade in Cancer Patients: The Search for the Perfect Procedure

9:45 a.m. PCI or CABG in the Treatment of Radiation-Induced CAD?

9:55 a.m. OCT and Radiation

10:05 a.m. Carcinoid Heart Disease, a Contemporary Approach

10:15 a.m. Structural Procedures in Cancer Patients: TAVR, Mitraclip, and LAA Closure

10:25 a.m. Interventional and Multimodality Imaging in Cancer Patients: ICE, TEE, CT, and Cardiac MR

10:35 a.m. Discussion

8:00 a.m.–noon SCAI/Heart Failure Society of America (HFSA) Joint Session

8:00–9:30 a.m. Advanced Hemodynamic Techniques

8:00 a.m. Is There a Role for the Hemodynamicist in the Cath Lab?

8:12 a.m. Pulmonary Hypertension: How to Perform a Good Right-Heart Cath

8:24 a.m. Exercise Hemodynamics: Techniques, Indications, and Pitfalls

8:36 a.m. What's New in the Hemodynamic Assessment of Restriction vs. Constriction?

8:48 a.m. Crash and Burn: Hemodynamic Assessment of the Patient in Trouble

9:00 a.m. Hemodynamic Assessment of the Patient With Both AS and HOCM

9:12 a.m. Hole in My Heart: Assessment of the Adult With Congenital Heart Disease

9:24 a.m. Discussion

SAN DIEGO | APRIL 25–28, 2018

* By invitation only. Non-CME Activity.
**SATURDAY SESSIONS**

**SATURDAY, APRIL 28**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>9:45–11:15 a.m.</td>
<td><strong>Interventional Heart Failure:</strong> Brave New World</td>
<td><strong>SCAI/American Association for Thoracic Surgery (AATS) Heart Team Summit</strong></td>
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<tr>
<td>9:45 a.m.</td>
<td>Update on CRT for Reversal of Heart Failure: When and Why?</td>
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<td>9:57 a.m.</td>
<td>Alcohol Septal Ablation and Surgical Myectomy: Should We Lower the Threshold?</td>
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<td>10:09 a.m.</td>
<td>Percutaneous Mitral Repair and Replacement: What Is the Data on Remodeling?</td>
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<td>10:21 a.m.</td>
<td>What Can We Do for Wide-Open TR?</td>
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<td>10:33 a.m.</td>
<td>Renal Denervation to Reverse Diastolic Heart Failure: Can It Work?</td>
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<td>10:45 a.m.</td>
<td>TAVR for Aortic Regurgitation: Are We There Yet?</td>
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<td>10:57 a.m.</td>
<td>Interventional Heart Failure Fellowship Training: What Is It?</td>
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<td>11:09 a.m.</td>
<td>Discussion</td>
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**SCAI/American Association for Thoracic Surgery (AATS) Heart Team Summit**

- **9:00 a.m.–noon**
  - Mitral and Tricuspid Valve
  - The Future of Treating Mitral Regurgitation: Surgical and Transcatheter Techniques
  - Patient Selection for Transcatheter vs. Surgical Mitral Valve Surgery

- **10:00–11:00 a.m.**
  - Coronary Artery Disease
  - Patient Selection for Left Main Stenting: Who Should Have Surgery vs. PCI?
  - Hybrid CABG: Is It the Future?
  - Panel Discussion With Mock Heart Team Case 1
  - Case 2

- **11:00 a.m.–noon**
  - Aortic Valve Disease
  - The Changing Management of AS: Which Patients Should Still Have Surgery in 2018
  - Cross-Training for TAVR: Is It Feasible?
  - Panel Discussion With Mock Heart Team Case 1
  - Case 2

**FELLOWS SUMMIT FOR COMPLEX CASES**

**THURSDAY, APRIL 26**

- **5:30–6:30 p.m.**
  - Complex High-Risk Interventional Procedures (CHIP): Part I

**FRIDAY, APRIL 27**

- **7:45–8:30 a.m.**
  - CHIP Part II

- **8:30–9:30 a.m.**
  - Flip Classroom

- **9:30–10:30 a.m.**
  - Atherectomy

- **11:00 a.m.–noon**
  - Peripheral Interventions

- **1:30–3:30 p.m.**
  - Structural Interventions

- **3:30–4:30 p.m.**
  - Meet the Experts Reception

Schedule is tentative and subject to change.

Register Online: www.SCAI.org/SCAI2018
## Schedule at a Glance by Day

### TUESDAY, APRIL 24

<table>
<thead>
<tr>
<th>Time</th>
<th>Featured Event</th>
<th>Description</th>
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<tbody>
<tr>
<td>6:30–8:30 p.m.</td>
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<td><strong>Featured Event</strong></td>
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<tr>
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<td>Global Case-Based Leadership Summit: Complex Interventions Without Borders*</td>
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### WEDNESDAY, APRIL 25

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<tr>
<th>Time</th>
<th>Coronary</th>
<th>Peripheral</th>
<th>Structural</th>
<th>Structural Heart Interventions: Advanced Techniques</th>
<th>Structural Heart Interventions: Advanced Techniques</th>
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<tr>
<td>7:00–8:00 a.m.</td>
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*Pre-registration is required. Watch for future announcements to reserve your spot.
## THURSDAY, APRIL 26

<table>
<thead>
<tr>
<th>Time</th>
<th>Featured Event/Session</th>
<th>Details</th>
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<tbody>
<tr>
<td>6:45–7:45 a.m.</td>
<td>Satellite Breakfasts</td>
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<tr>
<td>8:00–8:30 a.m.</td>
<td>Featured Session</td>
<td>Founders' Lecture</td>
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<tr>
<td>8:30–9:00 a.m.</td>
<td>Featured Event</td>
<td>Annual Business Meeting and Town Hall</td>
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<tr>
<td>9:00–10:30 a.m.</td>
<td>Featured Session</td>
<td>Live Cases: Structural Heart</td>
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<td></td>
<td>Coronary</td>
<td>Controversies in Interventional Pharmacology</td>
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<td></td>
<td>Peripheral</td>
<td>New Frontiers in Acute and Chronic Thromboembolic Pulmonary Disease</td>
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<td></td>
<td>Structural</td>
<td>TAVR Academy I: Expanding Indications and Optimizing Outcomes</td>
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<td>Congenital</td>
<td>Transcatheter Pulmonary Valve Replacement (TPVR): Beyond the Basics</td>
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<td>Cath Lab Boot Camp</td>
<td>SCAI/American College of Cardiology (ACC) Joint Session I: Cath Lab Economics 2018</td>
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<td>10:30–11:00 a.m.</td>
<td>Exhibit Hall/Abstract Poster Session III</td>
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<tr>
<td>11:00 a.m.–noon</td>
<td>Featured Session</td>
<td>Late-Breaking Clinical Science I</td>
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<td>Coronary</td>
<td>Coronary Imaging and Physiology: Case-Based Presentations</td>
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<td>Deep Venous Thrombosis (DVT): More Than Just Pills</td>
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<td>Structural</td>
<td>TAVR Academy II: Controversies and Complex Decision Making</td>
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<td>Congenital</td>
<td>The Transseptal Puncture: Advanced Techniques</td>
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<td>Cath Lab Boot Camp</td>
<td>SCAI/ACC Joint Session II: Registries and Quality Metrics</td>
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<tr>
<td>12:15–1:15 p.m.</td>
<td>Satellite Lunches</td>
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<tr>
<td>1:30–2:00 p.m.</td>
<td>Congenital</td>
<td>Mullins Lecture: Jacqueline Kreutzer, MD, FSCAI, Chief of the Division of Pediatric Cardiology, Children's Hospital of Pittsburgh of UPMC</td>
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<tr>
<td>1:30–3:00 p.m.</td>
<td>Featured Session</td>
<td>Live Cases: Complex Coronary and TAVR</td>
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<td>Coronary</td>
<td>Transradial Interventional Program — Vascular Access Safety Course (TRIP-VASC) I: Radial and Femoral: Case-Based Presentations</td>
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<td>Peripheral</td>
<td>Superficial Venous Disease: Going Beyond Cosmetics</td>
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<td>Structural</td>
<td>TAVR Academy III: Unresolved Issues and Future Directions</td>
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<td>Cath Lab Boot Camp</td>
<td>Leadership: Partnering for Success</td>
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<tr>
<td>2:00–3:00 p.m.</td>
<td>Congenital</td>
<td>Abstracts: Best of the Best</td>
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<tr>
<td>3:00–3:30 p.m.</td>
<td>Exhibit Hall/Abstract Poster Session IV</td>
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<tr>
<td>3:30–5:00 p.m.</td>
<td>Featured Session</td>
<td>Best Cases From Around the World</td>
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<td>Coronary</td>
<td>TRIP-VASC II: Complex Radial Interventions—Case-Based Presentations</td>
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<td>Peripheral</td>
<td>How to Start a Vascular Practice: A Primer for Fellows and Early Career Members</td>
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<td>Structural</td>
<td>Preventing Cardioembolism: Left Atrial Appendage (LAA) Exclusion</td>
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<td>Congenital</td>
<td>I Blew It!</td>
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<tr>
<td></td>
<td>Cath Lab Boot Camp</td>
<td>Keeping the Cath Lab Safe for Patients and Operators</td>
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### THURSDAY, APRIL 26 (continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00–5:30 p.m.</td>
<td>Exhibit Hall/Abstract Poster Session V</td>
</tr>
<tr>
<td>5:30–6:30 p.m.</td>
<td>- Featured Session</td>
</tr>
<tr>
<td></td>
<td>- Fellows Summit for Complex Cases</td>
</tr>
<tr>
<td>6:30–8:00 p.m.</td>
<td>Satellite Dinners</td>
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</table>

### FRIDAY, APRIL 27

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:45–7:45 a.m.</td>
<td>Satellite Breakfasts</td>
</tr>
<tr>
<td>7:45–8:30 a.m.</td>
<td>- Fellows Summit for Complex Cases</td>
</tr>
<tr>
<td>8:00–9:30 a.m.</td>
<td>- Featured Session</td>
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<tr>
<td></td>
<td>- Coronary</td>
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<td></td>
<td>- Peripheral</td>
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<td></td>
<td>- Structural</td>
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<td>- Congenital</td>
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<td>- Cath Lab Boot Camp</td>
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<tr>
<td>8:30–9:30 a.m.</td>
<td>- Fellows Summit for Complex Cases</td>
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<tr>
<td>9:30–10:30 a.m.</td>
<td>- Featured Session</td>
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<tr>
<td></td>
<td>- Coronary</td>
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<td>- Peripheral</td>
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<td>- Structural</td>
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<td></td>
<td>- Congenital</td>
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<tr>
<td></td>
<td>- Cath Lab Boot Camp</td>
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<tr>
<td>10:30–11:00 a.m.</td>
<td>- Featured Session</td>
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<tr>
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<td>- Coronary</td>
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<td>- Peripheral</td>
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<td>- Cath Lab Boot Camp</td>
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<td></td>
<td>- Fellows Summit for Complex Cases</td>
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<tr>
<td>11:00 a.m.–noon</td>
<td>- Exhibits Hall/Poster Session VI (CHD)</td>
</tr>
<tr>
<td></td>
<td>- Late-Breaking Clinical Science II</td>
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<tr>
<td></td>
<td>- Fellow Case Presentations: What Would Experts Do?</td>
</tr>
<tr>
<td></td>
<td>- Aortic, Renal, and Mesenteric Disease: Case-Based Approaches</td>
</tr>
<tr>
<td></td>
<td>- Paravalvular Leaks: How to Plug the Hole</td>
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<td></td>
<td>- The Young Guns: Bullets and Blanks</td>
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<td></td>
<td>- Complex Decision Making: In the Public Eye</td>
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<td></td>
<td>- Peripheral Interventions</td>
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</tbody>
</table>
### FRIDAY, APRIL 27 (continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Featured Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:15–1:15 p.m.</td>
<td>Satellite Lunches</td>
</tr>
<tr>
<td>1:30–3:30 p.m.</td>
<td>Live Cases: Adult Congenital and Structural Heart</td>
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<tr>
<td>1:30–3:00 p.m.</td>
<td>All Hands on Deck: Managing Complications</td>
</tr>
<tr>
<td>1:30–3:00 p.m.</td>
<td>Critical Limb Ischemia (CLI): How Far Is Too Far?</td>
</tr>
<tr>
<td>1:30–3:30 p.m.</td>
<td>SHD/CHD Combined Part I: Learning From Each Other</td>
</tr>
<tr>
<td>1:30–3:30 p.m.</td>
<td>Best Practices in an AUC World: Case-Based Strategies</td>
</tr>
<tr>
<td>1:30–3:30 p.m.</td>
<td>Structural Interventions</td>
</tr>
<tr>
<td>3:00–3:30 p.m.</td>
<td>Break</td>
</tr>
<tr>
<td>3:30–4:30 p.m.</td>
<td>Featured Session</td>
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<tr>
<td>3:30–4:30 p.m.</td>
<td>Asian Pacific Society of Interventional Cardiology (APSIC) Case-Based Session</td>
</tr>
<tr>
<td>3:30–4:30 p.m.</td>
<td>Cath Conference: Challenging and Complex Cases</td>
</tr>
<tr>
<td>3:30–4:30 p.m.</td>
<td>Complications: Get Me Out of Here!</td>
</tr>
<tr>
<td>3:30–4:30 p.m.</td>
<td>SHD/CHD Combined Part II: We Blew It Together!</td>
</tr>
<tr>
<td>3:30–4:30 p.m.</td>
<td>Protocols and Procedures: Optimizing Success in the Cath Lab</td>
</tr>
<tr>
<td>3:30–4:30 p.m.</td>
<td>Meet the Experts Reception</td>
</tr>
<tr>
<td>4:30–6:00 p.m.</td>
<td>Featured Event</td>
</tr>
<tr>
<td>4:30–6:00 p.m.</td>
<td>Presidential Address by David A. Cox, MD, MScAI, President 2018–2019</td>
</tr>
<tr>
<td>4:30–6:00 p.m.</td>
<td>Member Induction and FSCAI Ceremony</td>
</tr>
<tr>
<td>4:30–6:00 p.m.</td>
<td>MSCAI Ceremony</td>
</tr>
<tr>
<td>4:30–6:00 p.m.</td>
<td>Keynote Speaker: Roberto Canessa, MD</td>
</tr>
<tr>
<td>6:00–7:30 p.m.</td>
<td>Featured Event</td>
</tr>
<tr>
<td>6:00–7:30 p.m.</td>
<td>Annual Celebration and Book Signing (Roberto Canessa, MD)</td>
</tr>
</tbody>
</table>

### SATURDAY, APRIL 28

<table>
<thead>
<tr>
<th>Time</th>
<th>Saturday Sessions</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 a.m.–1:00 p.m.</td>
<td>Emerging Leader Mentorship (ELM) Program*</td>
</tr>
<tr>
<td>8:00 a.m.–noon</td>
<td>Cardio-Oncology and Interventional Cardiology</td>
</tr>
<tr>
<td>8:00 a.m.–2:30 p.m.</td>
<td>SCAI/Heart Failure Society of America (HFSA) Joint Session</td>
</tr>
<tr>
<td>8:00 a.m.–2:30 p.m.</td>
<td>Women in Innovation (WIN) Program**</td>
</tr>
<tr>
<td>9:00 a.m.–noon</td>
<td>SCAI/American Association for Thoracic Surgery (AATS) Heart Team Summit***</td>
</tr>
</tbody>
</table>

* By invitation only. Non-CME Activity.
** Tentative, subject to change.
*** Pre-registration is required. Watch for future announcements to reserve your spot.
Registration Form

**SCAI 2018**

**Scientific Sessions**

**Contact Information**

Name (First, MI, Last): __________________________ Degree(s): __________________________

Organization: __________________________________________________________

Address: _________________________________________________________________

City: __________________________ State: __________________________ Zip Code: __________________________ Country: __________

Email: __________________________ Cell Phone: __________________________

**Registration Information**

Please circle the registration type you would like to purchase. All registrations include admittance to all receptions and complimentary continental breakfasts. Daily fees and group discounts are also available. Visit [www.SCAI.org/SCAI2018](http://www.SCAI.org/SCAI2018) for more information.

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If you are not registering for SCAI 2018 Scientific Sessions online, you must include payment with this application for processing. SCAI will only issue refunds if we have received written notification by March 31, 2018. After this date, SCAI will deduct a $50 processing charge from the refunded amount. SCAI will issue refunds within eight weeks of the meeting’s completion. SCAI will not accept telephone cancellations. No-shows will not receive refunds.

**ADVANCE**

**Deadline:** March 31, 2018

**REGULAR/ON-SITE**

<table>
<thead>
<tr>
<th>Membership Category</th>
<th>ADVANCE</th>
<th>REGULAR/ON-SITE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Member Physician</strong> (member, FSCAI, MSCAI)</td>
<td>$849</td>
<td>$949</td>
</tr>
<tr>
<td><strong>Nonmember Physician</strong></td>
<td>$1,579</td>
<td>$1,679</td>
</tr>
<tr>
<td><strong>Cardiovascular Professional (CVP) Member</strong> (please indicate which type)</td>
<td>$319</td>
<td>$319</td>
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<tr>
<td>☐ Nurse ☐ Technologist ☐ Administrator/Educator/Other</td>
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<td>$319</td>
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<tr>
<td><strong>CVP Nonmember</strong> (please indicate which type)</td>
<td>$589</td>
<td>$589</td>
</tr>
<tr>
<td>☐ Nurse ☐ Technologist ☐ Administrator/Educator/Other</td>
<td>$589</td>
<td>$589</td>
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<tr>
<td><strong>Government Employee</strong> (physician or government agency)</td>
<td>$529</td>
<td>$579</td>
</tr>
<tr>
<td><strong>Member Fellow-in-Training</strong></td>
<td>$319</td>
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</tr>
<tr>
<td><strong>Medical Student/Resident</strong></td>
<td>$269</td>
<td>$269</td>
</tr>
<tr>
<td><strong>Industry/Nonmedical</strong></td>
<td>$1,579</td>
<td>$1,679</td>
</tr>
</tbody>
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Amount Paid: $ __________ Payment Date: __________

Paying by Check: ☐ Check #: __________ (make check payable to SCAI)

Paying by Credit Card: ☐ Mastercard ☐ American Express ☐ Visa

Credit Card #: __________ CCV #: __________ Exp. Date: __________

Name on Card: __________ Signature: __________

Mailing Address: __________ City, State, ZIP: __________
Innovations in Cardiovascular Interventions and Technology Summit

Wednesday, April 25

Join us for a new joint program with Innovations in Cardiovascular Interventions (ICI Israel) focusing on rapidly evolving medical advances, new technologies, and approaches to device innovation and patent applications.

You’ll learn from the innovators in our specialty who will discuss:

- New frontiers in biomedical innovation
- Models for joining forces between clinical, academic, and industrial communities
- How to take an idea from bench to market
- Digital health innovation
- The FDA approach to new technology
- The pathology perspective of new devices
- The new era in robotic PCI
- The evolving role for academic centers in healthcare innovation
- Leveraging machine-learning techniques to forecast patient prognosis after PCI

A must-attend event for those who want to stay on top of their specialty!