## SCCT2021 PROGRAM AT A GLANCE

**July 16 - 17 | Virtual | 8:30AM - 6:20PM EST**

### FRIDAY

<table>
<thead>
<tr>
<th>Time</th>
<th>Channel 1</th>
<th>Channel 2</th>
<th>Channel 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 – 9:00 AM</td>
<td>Arineta Sponsored Symposium*</td>
<td>SCCT First Take</td>
<td>Where attendees go for previews &amp; highlights</td>
</tr>
<tr>
<td>9:00 – 9:30 AM</td>
<td>Philips Healthcare Sponsored Symposium*</td>
<td>Opening session</td>
<td></td>
</tr>
<tr>
<td>9:30 – 10:00 AM</td>
<td><strong>SCCT First Take</strong></td>
<td>Where attendees go for previews &amp; highlights</td>
<td>Opening session</td>
</tr>
<tr>
<td>10:00 – 11:00 AM</td>
<td>Exhibitor Showcase</td>
<td>Advanced technologies for the assessment of CAD</td>
<td></td>
</tr>
<tr>
<td>11:00 – 11:10 AM</td>
<td>Exhibitor Showcase</td>
<td>Mitral valve and left atrial appendage</td>
<td></td>
</tr>
<tr>
<td>11:10 AM – 12:25 PM</td>
<td>#SCCTVillage: Success as a Trainee/Early career professional in cardiac CT</td>
<td>Expert Commentary</td>
<td></td>
</tr>
<tr>
<td>12:25 – 1:00 PM</td>
<td>Caristo Diagnostics Ltd. Sponsored Symposium*</td>
<td>Imaging congenital heart disease: A primer</td>
<td>Best Abstracts &amp; YIA Abstracts</td>
</tr>
<tr>
<td>1:00 – 2:15 PM</td>
<td>Coronary CTA in 2021: Critical appraisal of current evidence and guidelines</td>
<td>Expert Commentary</td>
<td></td>
</tr>
<tr>
<td>2:15 – 2:25 PM</td>
<td>Exhibitor Showcase</td>
<td>Cardiovascular imaging during COVID-19 pandemic</td>
<td>Coronary CTA and sex differences in CAD</td>
</tr>
<tr>
<td>2:25 – 3:40 PM</td>
<td>Great cardiac CT quiz</td>
<td>Advocacy update &amp; moderated panel discussion</td>
<td></td>
</tr>
<tr>
<td>3:40 – 3:50 PM</td>
<td>Exhibitor Showcase</td>
<td>The effects of novel therapies on coronary atherosclerotic plaque progression</td>
<td></td>
</tr>
<tr>
<td>3:50 – 4:00 PM</td>
<td>Advocacy update &amp; moderated panel discussion</td>
<td>Coronary CTA and sex differences in CAD</td>
<td></td>
</tr>
<tr>
<td>4:00 – 5:00 PM</td>
<td>Exhibitor Showcase</td>
<td>Best Abstracts &amp; YIA Abstracts</td>
<td></td>
</tr>
<tr>
<td>5:05 – 6:00 PM</td>
<td>Exhibitor Showcase</td>
<td>Imaging congenital heart disease: A primer</td>
<td></td>
</tr>
<tr>
<td>6:00 – 6:20 PM</td>
<td><strong>SCCT Wrap Up</strong></td>
<td>Where attendees go for conclusions &amp; highlights</td>
<td></td>
</tr>
</tbody>
</table>

### SATURDAY

<table>
<thead>
<tr>
<th>Time</th>
<th>Channel 1</th>
<th>Channel 2</th>
<th>Channel 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 – 9:00 AM</td>
<td>GE Healthcare Sponsored Symposium*</td>
<td>SCCT First Take</td>
<td>Where attendees go for previews &amp; highlights</td>
</tr>
<tr>
<td>9:00 – 9:30 AM</td>
<td>Canon Medical USA Sponsored Symposium*</td>
<td>Circle Cardiovascular Imaging Sponsored Symposium*</td>
<td></td>
</tr>
<tr>
<td>9:30 – 9:45 AM</td>
<td>SCCT First Take</td>
<td>Where attendees go for previews &amp; highlights</td>
<td>Opening session</td>
</tr>
<tr>
<td>9:45 – 10:00 AM</td>
<td>SCCT business meeting</td>
<td>Coronary calcium: New tricks for an old test Expert Commentary</td>
<td>What I wish I had known in cardiac CT</td>
</tr>
<tr>
<td>10:00 – 11:15 AM</td>
<td>TAVR</td>
<td>(Technical) challenges accepted!</td>
<td>Physiologic assessment of CAD as applied to clinical practice</td>
</tr>
<tr>
<td>11:15 – 12:00 AM</td>
<td>Exhibitor Showcase</td>
<td>Expert Commentary</td>
<td></td>
</tr>
<tr>
<td>11:25 AM – 12:40 PM</td>
<td>Gladiators arena: Great debates in cardiovascular CT</td>
<td>Expert Commentary</td>
<td></td>
</tr>
<tr>
<td>12:40 – 1:15 PM</td>
<td>Siemens Healthineers Sponsored Symposium*</td>
<td>Imaging cardiac shunt lesions: Congenital heart disease</td>
<td></td>
</tr>
<tr>
<td>1:15 – 2:30 PM</td>
<td>Imaging cardiac shunt lesions: Congenital heart disease</td>
<td>Clinical trials updates</td>
<td>Chance favors the prepared: Exam prep and safety</td>
</tr>
<tr>
<td>2:30 – 2:40 PM</td>
<td>Exhibitor Showcase</td>
<td>How to incorporate plaque evaluation in clinical workflow</td>
<td>Structural heart, the future is here</td>
</tr>
<tr>
<td>2:40 – 3:55 PM</td>
<td>Photon energy: Spectral CT, photon counting, and dual energy</td>
<td>Expert Commentary</td>
<td></td>
</tr>
<tr>
<td>4:00 – 5:15 PM</td>
<td>Closing session</td>
<td>Coronary CTA and sex differences in CAD</td>
<td></td>
</tr>
</tbody>
</table>

*ASRT credit (22.75 Category A CE credits available)

*12.75 CME credits are available for the live virtual sessions. 18.75 additional credits may be earned by viewing the recorded content following the event. The Society of Cardiovascular Computer Tomography is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

*Sponsored Symposia are not a part of the SCCT program content as designed by the SCCT Annual Scientific Program Committee and are not approved for CME credit.

*Program subject to change.
<table>
<thead>
<tr>
<th>TRACKS</th>
<th>CHAIRS</th>
<th>DATE</th>
<th>TIME</th>
<th>CHANNEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADVOCACY</td>
<td>Ron Blankstein, MD, MSCCT &amp; Dustin Thomas, MD, FSCCT</td>
<td>Friday, July 16</td>
<td>3:50 PM - 5:20 PM</td>
<td>Channel 1</td>
</tr>
<tr>
<td>CONGENITAL HEART DISEASE</td>
<td>Kelley Branch, MD, MSc FSCCT &amp; Prachi Agarwal, MBBS, MS</td>
<td>Friday, July 16</td>
<td>1:00 PM - 2:15 PM</td>
<td>Channel 2</td>
</tr>
<tr>
<td></td>
<td>Saturday, July 17</td>
<td>1:15 PM - 2:30 PM</td>
<td>Channel 1</td>
<td></td>
</tr>
<tr>
<td>CORONARY ARTERY DISEASE</td>
<td>Maros Ferenick, MD, PhD, MCR, FSCCT &amp; Ed Nicol, MD, MBA, FSCCT</td>
<td>Friday, July 16</td>
<td>1:00 PM - 2:15 PM</td>
<td>Channel 1</td>
</tr>
<tr>
<td></td>
<td>Friday, July 16</td>
<td>2:25 PM - 3:40 PM</td>
<td>Channel 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Friday, July 16</td>
<td>3:50 PM - 5:05 PM</td>
<td>Channel 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Saturday, July 17</td>
<td>10:00 AM - 11:15 AM</td>
<td>Channel 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Saturday, July 17</td>
<td>11:25 AM - 12:40 PM</td>
<td>Channel 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Saturday, July 17</td>
<td>2:40 PM - 3:55 PM</td>
<td>Channel 2</td>
<td></td>
</tr>
<tr>
<td>GUIDELINES &amp; TRIALS</td>
<td>Koen Nieman, MD, PhD, MSCCT &amp; Sujata Shanbhag, MD, MPH</td>
<td>Friday, July 16</td>
<td>11:10 AM - 12:25 PM</td>
<td>Channel 1</td>
</tr>
<tr>
<td></td>
<td>Saturday, July 17</td>
<td>1:15 PM - 2:30 PM</td>
<td>Channel 2</td>
<td></td>
</tr>
<tr>
<td>STRUCTURAL HEART DISEASE</td>
<td>Prabhakar Rajiah, MD, FRCR &amp; J. Jeffrey Carr, MD, MSc, MSCCT</td>
<td>Friday, July 16</td>
<td>11:10 AM - 12:25 PM</td>
<td>Channel 2</td>
</tr>
<tr>
<td></td>
<td>Saturday, July 17</td>
<td>10:00 AM - 11:15 AM</td>
<td>Channel 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Saturday, July 17</td>
<td>2:40 PM - 3:55 PM</td>
<td>Channel 3</td>
<td></td>
</tr>
<tr>
<td>TECHNICAL ASPECTS OF CARDIAC CT</td>
<td>Brian Ghoshhajra, MD, MBA, FSCCT &amp; Jill Jacobs, MD, MS-HQSM, FSCCT</td>
<td>Friday, July 16</td>
<td>11:10 AM - 12:25 PM</td>
<td>Channel 3</td>
</tr>
<tr>
<td></td>
<td>Friday, July 16</td>
<td>3:50 PM - 5:05 PM</td>
<td>Channel 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Saturday, July 17</td>
<td>1:15 PM - 2:30 PM</td>
<td>Channel 3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Saturday, July 17</td>
<td>2:40 PM - 3:55 PM</td>
<td>Channel 1</td>
<td></td>
</tr>
</tbody>
</table>
THE FACULTY OF SCCT2021 HAVE DISCLOSED THE FOLLOWING RELATIONSHIPS:

ANNUAL SCIENTIFIC MEETING (ASM) 2021

PROGRAM COMMITTEE

CHAIR: ERIC WILLIAMSON, MD, FSCCT

Disclosures: None

PRACHI AGARWAL, MBBS, MS
Myokardia (Grant/Research Support)

JUAN BATLLE, MD, MBA, FSCCT
Boehringer Ingelheim (Speakers Bureau)

MARCIO BITTENCOURT, MPH, MD, PHD
Bayer (Consultant/Honoraria)
Novo Nordisk (Consultant/Honoraria)

MICHAEL BLAHA, MD, MPH
88Bio (Advisory Board)
AHA (Advisory Board)
Amgen, Inc (Advisory Board, Grant/Research Support)
Aetna (Grant/Research Support)
Bayer (Advisory Board)
Inozyme (Advisory Board)
Kaleido (Advisory Board)
Kowa (Advisory Board)
Novartis (Advisory Board)
Novo Nordisk (Advisory Board, Grant/Research Support)
Sanofi/Regeneron (Advisory Board)

KELLEY BRANCH, MD, MSC, FSCCT
Bayer (Grants and Research Support, Consultant/ Honoraria)
Eli Lilly (Grant/Research Support)
Janssen (Grant/Research Support)
Kestra (Grant/Research Support)
Sana (Consultant/Honoraria)

J. JEFFREY CARR, MD, MSC, MSCCT
Disclosures: None

ANJALI CHHELLIAH, MD
Disclosures: None

ANDREW CHOI, MD, FSCCT
Clearly (Stock and Stock Options)
GW Heart and Vascular Institute (Grant/Research Support)
National Institutes of Health/NHLB (Grant/Research Support)

MAROS FERENCIK, MD, PHD, MCR, FSCCT
AHA and NIH (Grant/Research Support)
Biograph (Consultant/Honoraria)

BRIAN GHOSHHAJRA, MD, MBA, FSCCT
Siemens Healthineers (Grant/Research Support)

JILL JACOBS, MD, MS-HQSM, FSCCT
Disclosures: None

ED NICOL, MD, MBA, FSCCT
Caristo (Consultant/Honoraria)
GE Healthcare (Speakers Bureau)
Heartflow (Consultant/Honoraria)
Siemens Healthineers (Speakers Bureau)

KOEN NIEMAN, MD, PHD, MSCCT
Disclosures: None

MANUJA PREMARATNE, MBBS, FSCCT
Disclosures: None

PRABHAKAR RAJAH, MD, FRCR
Disclosures: None

SUJATA SHANBHAG, MD, MPH
Disclosures: None

VASVI SINGH, MD
Disclosures: None

MICHAEL STEIGNER, MD
Disclosures: None

EDUCATION COMMITTEE

CHAIR: MAROS FERENCIK, MD, PHD, MCR, FSCCT
Biograph (Consultant/Honoraria)

NILA AKHTAR, MD
Disclosures: None

ADAM BERNEHEIM, MD
Cedars-Sinai Medical Center (Royalties)
Amgen (Grant/Research Support)
GE Healthcare (Consultant/Honoraria)

MARCIO BITTENCOURT, MPH, MD, PHD
Bayer (Consultant/Honoraria)
Novo Nordisk (Consultant/Honoraria)

RENEE BULLOCK-PALMER, MD, FSCCT
Disclosures: None

EMMA CHEASTY, MBCHB
Disclosures: None

TIFFANY CHEN, MD
Intrinsic Imaging, LLC Consultant/Honoraria)

 SARAH CUDDY, MBBCCH, BA
Pfizer (Grant/Research Support)

MILIND DESAI, MD, MBA
Medtronic (Consultant/Honoraria)
Myokardia (Grant/Research Support)

CRIANNA FUSSELL, MD, PHD, FSCCT
ViewRay (Stocks/Stock options)

PATRYCJA GALAZKA, MD
Disclosures: None

STEFAN HOBBES, MD, FSCCT
Disclosures: None

OMAR KHALIQUE, MD, FSCCT
Abbott Labs Consultant/Honoraria)
Edwards Lifesiences (Speakers Bureau)

WEN-JENG LEE, MD, PHD
Disclosures: None

JAMES LEE, MD, FSCCT
Disclosures: None

FAY LIN, MD
GE Healthcare (Grant/Research Support)

CHAITANYA MADAMANCHI, MD
Disclosures: None

NANDINI MEYERSOHN, MD
Disclosures: None

MANISH MOTWANI, MBCHB, PHD, FSCCT
Disclosures: None

PRASHANT NAGPAL, MD
Disclosures: None

DAVID PARKER, MD, PHD
Disclosures: None

MC MATTAI, MD, FSCCT
Disclosures: None

NIKHIL PATHAK, MD, PHD
Disclosures: None

EDWARDS LIFESCIENCES (CONSULTANT/HONORARIA)

ERIC WILLIAMSON, MD, FSCCT
Disclosures: None

JOHN YOUNGER, MBBCH
Disclosures: None

JEANNIE YU, MD, FSCCT
Disclosures: None

ARMIN A. ZADEH, MD, PHD, MPH, FSCCT
Canon (Grant/Research Support)

CME COMMITTEE

CHAIR: BARBARA SRIHAI-PARSIA, MD, FSCCT
Disclosures: None

RENEE BULLOCK-PALMER, MD, FSCCT
Disclosures: None

KIMBERLY DELCOUR, DO
Disclosures: None

DINESH KALRA, MD, FSCCT
Disclosures: None

TING LIU, MD, PHD, FSCCT
Disclosures: None

MINI PAKKAL, MD, FSCCT
Disclosures: None

WILLIAM WOOD, MD, FSCCT
Disclosures: None

AWARD CHAIRS

MARCUS CHEN, MD
Disclosures: None

MILIND DESAI, MD, MBA
Medtronic (Consultant/Honoraria)
Myokardia (Grant/Research Support)

RONALD KARLSBERG, MD, FSCCT
Disclosures: None

RENE PACKARD, MD, PHD
Disclosures: None

SCCT STAFF

JOANNE OLSON, MBA
Chief Executive Officer
Disclosures: None

DAWN BRENNAMAN, MPA
Director, Health Policy and Practice
Disclosures: None

MELISSA THOMPSON
Meetings Manager
Disclosures: None

KAREN FRAME
Education and Finance Coordinator
Disclosures: None

AUDREY GENTRY
Marketing and Communications Manager
Disclosures: None

CLAIRE JOHNS, MBA
Director, Membership, Marketing and Communications
Disclosures: None

JASON LEE
Membership and Administrative Coordinator
Disclosures: None

MILES MULLIGAN
Online Education Specialist
Disclosures: None

KRISTIN STIERLE
Director, Meetings and Programs
Disclosures: None
<table>
<thead>
<tr>
<th>Time</th>
<th>Channel 1</th>
<th>Channel 2</th>
<th>Channel 3</th>
</tr>
</thead>
</table>
| 8:30 – 9:00 AM | Symposium sponsored by Arineta Cardio Imaging  
Speakers: Matt Budoff, MD, MSCCT and Mike Allen, JD, MBA; Moderator: Scott Shubert (no CME) |                                                                         |                                                                         |
| 9:00 – 9:30 AM | Symposium sponsored by Philips Healthcare | Next Generation Spectral CT for cardiovascular applications  
Tim Leiner, MD, PhD (no CME) |                                                                         |                                                                         |
| 9:30 – 10:00 AM | **OPENING SESSION**  
CHAIRS: Koen Nieman, MD, PhD, MSCCT  
Eric Williamson, MD, FSCCT |                                                                         |                                                                         |
| 10:00 AM  | President’s address  
Koen Nieman, MD, PhD, MSCCT |                                                                         |                                                                         |
| 10:10 AM  | Arthur S. Agatston Award  
Arthur Agatston, MD, FSCCT  
Philip Greenland, MD |                                                                         |                                                                         |
| 10:16 AM  | Achenbach Pioneer Award  
Pim de Feyter, MD, PhD |                                                                         |                                                                         |
| 10:25 AM  | Gold Medal Award  
Todd C. Villines, MD, MSCCT |                                                                         |                                                                         |
| 10:30 AM  | State of the Society  
Koen Nieman, MD, PhD, MSCCT |                                                                         |                                                                         |
| 10:40 AM  | Top 10 cardiac CT papers  
Todd C. Villines, MD, MSCCT |                                                                         |                                                                         |
| 10:55 AM  | Concluding remarks  
Eric Williamson, MD, FSCCT |                                                                         |                                                                         |
| 11:00 – 11:10 AM | **EXHIBITOR SHOWCASE** |                                                                         |                                                                         |
| 11:10 AM  | #SCCTVillage: Success as a Trainee/Early Career Professional in Cardiac CT  
CHAIRS: Vasvi Singh, MD  
Juan Lopez-Mattei, MD, FSCCT |                                                                         |                                                                         |
| 11:10 AM  | #SCCTVillage: Advice from the SCCT President  
Koen Nieman, MD, PhD, MSCCT |                                                                         |                                                                         |
| 11:20 AM  | #YesCCT: The formula for successful research  
Leslee Shaw, PhD, MSCCT |                                                                         |                                                                         |
| 11:30 AM  | #CTTEducator: Becoming a master educator in CCT  
Todd C. Villines, MD, MSCCT |                                                                         |                                                                         |
| 11:40 AM  | #CardsRads: Strategies for building a CCT service in a multimodality world  
Dinesh Kaira, MD |                                                                         |                                                                         |
| 11:50 AM  | #InterventionalCCT: Combining interventional & CT: View from the Gulf  
Mirvat Alasnag, MD, FSCCT |                                                                         |                                                                         |
| 12:00 PM  | #CHDinCCT: Blazing a path in congenital heart disease and CT  
Jennifer Cohen, MD |                                                                         |                                                                         |
| 12:10 PM  | Q & A |                                                                         |                                                                         |
| 11:10 AM  | 2021 Update on TMVR  
Mayra Guerrero, MD |                                                                         |                                                                         |
| 11:23 AM  | CT planning for TMVR  
Joao Cavalcante, MD, FSCCT |                                                                         |                                                                         |
| 11:36 AM  | Complications of mitral valve prosthesis  
Prabhakar Rajiah, MD, FRCR |                                                                         |                                                                         |
| 11:49 AM  | 2021 Update on atrial fibrillation & left atrial appendage  
DeeDee Wang, MD, FSCCT |                                                                         |                                                                         |
| 11:55 AM  | Pre and post-procedure CT for transcatheter LAAC  
Kasper Korsholm, MD, PhD |                                                                         |                                                                         |
| 12:15 PM  | Q & A |                                                                         |                                                                         |
| 11:10 AM  | Multi-energy CT: Dual energy, spectral and photon counting in the evaluation of CAD  
Prabhakar Rajiah, MD, FRCR |                                                                         |                                                                         |
| 11:20 AM  | CT in the evaluation of extracellular volume  
Francesca Pugliese, MD, PhD, FSCCT |                                                                         |                                                                         |
| 11:30 AM  | Application of radiomics, AI and machine learning in CAD  
Máténo Kolossváry, MD, PhD |                                                                         |                                                                         |
| 11:40 AM  | Is shear stress assessment needed for CAD evaluation?  
Vikas Thondapu, MD, PhD |                                                                         |                                                                         |
| 11:50 AM  | Ultra-high resolution CT in CAD assessment  
Marcus Chen, MD |                                                                         |                                                                         |
| 12:00 PM  | Computational flow dynamics and myocardial mass at risk  
Carlos Collet, MD, PhD |                                                                         |                                                                         |
| 12:10 PM  | Expert Commentary |                                                                         |                                                                         |
| 12:15 – 1:00 PM | Symposium sponsored by Caristo Diagnostics, Ltd. | Beyond plaque assessment: Fat Attenuation Index to personalize cardiovascular risk prediction  
Jagat Narula, MD PhD, FSCCT (chair), Ron Blankstein, MD, MSCCT and Nehal Mehta, MS, MSCE (no CME) |                                                                         |
<table>
<thead>
<tr>
<th>Time</th>
<th>Channel 1</th>
<th>Channel 2</th>
<th>Channel 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00</td>
<td>Coronary CTA in 2021 - Critical Appraisal of Current Evidence and Guidelines</td>
<td>1:00 PM Congenital heart disease: A stepwise approach to cardiac anatomy</td>
<td>1:00 PM Best Abstract #1</td>
</tr>
<tr>
<td></td>
<td>Chairs: Maros Ferencik, MD, PhD, MCR, FSCCT</td>
<td>Karen Stout, MD</td>
<td>Suraj Dahal, MD</td>
</tr>
<tr>
<td></td>
<td>Todd C. Villines, MD, MSCR, FSCCT</td>
<td>Radiation and safety in CHD</td>
<td>1:08 PM Best Abstract #2</td>
</tr>
<tr>
<td>1:15</td>
<td>UK Guidelines - Did it change their practice NICEly?</td>
<td>B. Kelly Han, MD, FSCCT</td>
<td>Pedro Lopes, MD</td>
</tr>
<tr>
<td>1:30</td>
<td>European guidelines - Diagnostic principles in chronic coronary syndromes</td>
<td>1:24 PM Born this way: Congenital coronary anomalies</td>
<td>1:16 PM Best Abstract #3</td>
</tr>
<tr>
<td></td>
<td>Chairs: B. Kelly Han, MD, FSCCT</td>
<td>Anjali Chelliah, MD</td>
<td>Ahmed Ibrahim Ahmed, MD, MD, MPH</td>
</tr>
<tr>
<td>1:45</td>
<td>US Guidelines - Is the US catching up with the rest of the world?</td>
<td>1:36 PM Aortic arch anomalies. From embryology to imaging</td>
<td>1:24 PM Q &amp; A for Best Abstracts</td>
</tr>
<tr>
<td></td>
<td>Chairs: Ron Blankstein, MD, MSCR</td>
<td>Kanwal Farooqi, MD</td>
<td>1:40 PM YIA #3</td>
</tr>
<tr>
<td>2:00</td>
<td>Expert Commentary</td>
<td>1:48 PM CT tips and tricks in repaired transposition of great arteries</td>
<td>Hidenobu Takagi, MD, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cristina Fuss, MD, MD, FSCCT</td>
<td>1:48 PM YIA #2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2:00 PM How I do it: Imaging the Fontan heart</td>
<td>Andrew Lin, MBBS, PhD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maryam Ghadimi Mahani, MD</td>
<td>1:56 PM YIA #3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Omar Dzaye, MD, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2:04 PM Q &amp; A for YIA Abstracts</td>
</tr>
<tr>
<td>2:25</td>
<td>GREAT CARDIAC CT QUIZ</td>
<td>2:25 PM COVID-19 epidemiology and longer-term perspectives</td>
<td>2:25 PM Sex specific differences in CAD and how they are reflected in current guidelines</td>
</tr>
<tr>
<td></td>
<td>Chair: Stephan Achenbach, MD, MSCCT</td>
<td>Roby Bhattacharyya, MD, PhD</td>
<td>Leslee Shaw, PhD, MSCCT</td>
</tr>
<tr>
<td>2:37</td>
<td></td>
<td>Current COVID-19 safety protocols, PPE including post vaccination scenario</td>
<td>2:40 PM Does coronary CTA have a role in SCAD (Spontaneous Coronary Artery Dissections)?</td>
</tr>
<tr>
<td>2:49</td>
<td></td>
<td>Diana Paez Gutierrez, MD</td>
<td>Ed Nicol, MD, MBA, FSCCT</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute COVID-19 heart complications: Role of cardiac imaging</td>
<td>2:55 PM What is the role of coronary CTA in MINOCA (Myocardial Infarction With Non-Obstructive Coronary Arteries)?</td>
</tr>
<tr>
<td>3:01</td>
<td></td>
<td>Diana Litmanovich, MD</td>
<td>Inge van den Hoogen, MD</td>
</tr>
<tr>
<td>3:13</td>
<td></td>
<td>Cardiac CT in the evaluation of chest pain in post COVID-19 and long COVID-19 patients</td>
<td>3:10 PM What is the best cardiac imaging test in microvascular dysfunction in women?</td>
</tr>
<tr>
<td>3:25</td>
<td></td>
<td>Gianluca Pantone, MD, MD, PhD, FSCCT</td>
<td>Viviany Taqueti, MD, MD, MPH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>How to handle incidental COVID-19 lung images in cardiac CT and calcium scores</td>
<td>3:25 PM Q &amp; A</td>
</tr>
<tr>
<td>Time</td>
<td>Channel 1</td>
<td>Channel 2</td>
<td>Channel 3</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| 3:40 – 3:50 PM | ADVOCACY UPDATE & MODERATED PANEL DISCUSSIONS  
**CHAIRS:**  
Ron Blankstein, MD, MSCCT  
Dustin Thomas, MD, FSCCT | LESSONS LEARNED FROM CARDIAC CT: THE EFFECTS OF NOVEL THERAPIES ON CORONARY ATHEROSCLEROTIC PLAQUE  
**CHAIRS:**  
Fay Lin, MD  
Udo Hoffmann, MD, MPH | AI AND MACHINE LEARNING: THE FUTURE OF MY PRACTICE IN CCT  
**CHAIRS:**  
Michelle Williams, MBChB, PhD, FSCCT  
Alexander Bratt, MD |
| 3:50 – 5:05 PM |  
3:50 PM Advocacy year in review  
Dustin Thomas, MD, FSCCT  

3:58 PM How to engage hospital administration: A vital collaboration  
Cathie Biga, MSN  

4:06 PM Update from ACC Coding Committee  
Randall Thompson, MD  

4:14 PM What determines professional fee and physician fee schedule payments: Overview of RUC process  
James Blankenship, MD  

4:22 PM Next steps in advocacy for CCT  
Ron Blankstein, MD, MSCCT  

4:30 – 5:20 PM Panel discussion  
James Blankenship, MD  
Cathie Biga, MSN  
Joshua Hirsch, MD  
Dipti Itchaporia, MD  
Ann Jablon  
Leslee Shaw, PHD, MSCCT  
Dustin Thomas, MD, FSCCT |  
3:50 PM The impact of statins and omega fatty acids on plaque composition  
Matthew Budoff, MD, MSCCT  

4:05 PM Cardiac CT for statin and aspirin therapy assignment  
Miguel Cainzos-Achirica, MD, MPH, PhD  

4:20 PM Pericoronary fat modification by anti-inflammatory therapies  
Charalambos Antoniades, MD, PhD  

4:35 PM Novel therapies for CV risk reduction: What do we need from cardiac CT?  
Michael Shapiro, DO, MCR, FSCCT  

4:50 PM Q & A |  
3:50 PM Understanding the big picture and the black box  
Michael Lu, MD, MPH  

4:00 PM Improving clarity: Image reconstruction and processing  
Ivana Isgum, PhD  

4:10 PM New frontiers in atherosclerosis  
Andrew Choi, MD, FSCCT  

4:20 PM Multiparametric risk prediction from big data  
Subhi Al’Aref, MD  

4:30 PM Enhancing functional evaluation  
Carlo De Cecco, MD, PhD, FSCCT  

4:40 PM Avoiding hype and ensuring validity  
Alexander Bratt, MD  

4:50 PM Q & A |
| 5:05 – 6:00 PM | NOVEL TECHNOLOGIES  
No CME |  |  |
| 6:00 – 6:20 PM | SCCT Wrap-Up: Highlights and discussion of Day 1 |  |  |
### EVENT SCHEDULE

#### CHANNEL 1

**Symposium sponsored by GE Healthcare | Cardiac CT: Is it now an essential test for your heart team discussions?**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 AM</td>
<td>Pre-test probability should guide patient selection for CTA vs. Functional</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>2021 update on TAVR</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Warranty period of CAC score: When to rescan and how to guide management</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>CAC and genetic scores: Gatekeeper or competitor</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Expert Commentary</td>
</tr>
</tbody>
</table>

#### CHANNEL 2

**Symposium sponsored by Canon Medical USA | Why atherosclerosis is all that really matters**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 AM</td>
<td>Pre-test probability should guide patient selection for CTA vs. Functional</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>2021 update on TAVR</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Warranty period of CAC score: When to rescan and how to guide management</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>CAC and genetic scores: Gatekeeper or competitor</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Expert Commentary</td>
</tr>
</tbody>
</table>

#### CHANNEL 3

**Symposium sponsored by Circle Cardiovascular Imaging | Advanced CT applications for structural heart disease interventions**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 AM</td>
<td>Pre-test probability should guide patient selection for CTA vs. Functional</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>2021 update on TAVR</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Warranty period of CAC score: When to rescan and how to guide management</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>CAC and genetic scores: Gatekeeper or competitor</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Expert Commentary</td>
</tr>
</tbody>
</table>

### EXHIBITOR SHOWCASE

**GLADIATORS ARENA: GREAT DEBATES IN CARDIOVASCULAR CT**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:25 AM</td>
<td>I got the rhythm blues: Dealing with arrhythmia/dyspnea</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Heavy metal (and calcium): Rocking (and rolling) with the punches AND obesity</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>We're multiplying! How to manage many sites: Protocol selection and workflow management</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Are we ready for 21st century research?</td>
</tr>
</tbody>
</table>

**TECHNICAL) CHALLENGES ACCEPTED!**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:25 AM</td>
<td>I got the rhythm blues: Dealing with arrhythmia/dyspnea</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Heavy metal (and calcium): Rocking (and rolling) with the punches AND obesity</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>We're multiplying! How to manage many sites: Protocol selection and workflow management</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Are we ready for 21st century research?</td>
</tr>
</tbody>
</table>

**PHYSIOLOGIC ASSESSMENT OF CAD AS APPLIED TO CLINICAL PRACTICE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:25 AM</td>
<td>I got the rhythm blues: Dealing with arrhythmia/dyspnea</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Heavy metal (and calcium): Rocking (and rolling) with the punches AND obesity</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>We're multiplying! How to manage many sites: Protocol selection and workflow management</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Are we ready for 21st century research?</td>
</tr>
</tbody>
</table>

---

- **SCCT BUSINESS MEETING**

- **CORONARY CALCIUM: NEW TRICKS FOR AN OLD TEST**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 AM</td>
<td>Warranty period of CAC score: When to rescan and how to guide management</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>CAC and genetic scores: Gatekeeper or competitor</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Expert Commentary</td>
</tr>
</tbody>
</table>

- **WHAT I WISH I HAD KNOWN IN CARDIAC CT**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 AM</td>
<td>Lessons learned in training your CT team</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Growing your program through modern media</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Achieving work-life integration</td>
</tr>
</tbody>
</table>

---

**SCCCT First Take: Previews and discussion for Day 2**

**CHAIRS:**

- **CT DEBATES IN CARDIOVASCULAR GLADIATORS ARENA: GREAT**
  - Benjamin Chow, MD, FRCPC, MSCCT
  - Jeannie Yu, MD, FSCCT
  - Pamela Woodard, MD, MSCCT
  - Kelley Branch, MD, MSc, MSCCT
  - Jonathan Leipsic, MD, FRCPC, MSCCT
  - Renee Bullock-Palmer, MD, FSCCT

**CHAIRS:**

- **AN OLD TEST**
  - John Erwin III, MD

**CHAIRS:**

- **TECHNICAL) CHALLENGES ACCEPTED!**
  - Jeannie Yu, MD, FSCCT
  - Benjamin Chow, MD, FRCPC, MSCCT

**CHAIRS:**

- **CORONARY CALCIUM: NEW TRICKS FOR AN OLD TEST**
  - Marcio Bittencourt, MD, PhD, MPH
  - Renee Bullock-Palmer, MD, FSCCT

**CHAIRS:**

- **WHAT I WISH I HAD KNOWN IN CARDIAC CT**
  - W. Guy Weigold, MD, FSCCT
  - Nidhi Madan, MD, MPH
**SATURDAY AFTERNOON**

**SATURDAY, 7/17**

<table>
<thead>
<tr>
<th>12:40 – 1:15 PM</th>
<th>CHANNEL 1</th>
<th>CHANNEL 2</th>
<th>CHANNEL 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symposum sponsored by Siemens Healthineers</td>
<td><strong>Counting Detector Cardiac CT: Introduction and outlook</strong></td>
<td>Thomas Allmendinger, PhD, FSCCT</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1:15 PM</th>
<th>IMAGING CARDIAC SHUNT LESIONS: CONGENITAL HEART DISEASE</th>
<th>CLINICAL TRIAL UPDATES</th>
<th>CHANCE FAVORS THE PREPARED: EXAM PREP AND SAFETY</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INTRODUCTION TO CARDIOVASCULAR SHUNT ANOMALIES</strong></td>
<td>CHAIRS: Hyun Woo Goo, MD, PhD Aparna Joshi, MD</td>
<td>CHAIRS: Koen Nieman, MD, PhD, MSCCT Kavitha Chinnaiyan, MD, MSCCT</td>
<td>CHAIRS: Chandana Shekar, MD Michael Steigner, MD</td>
</tr>
<tr>
<td><strong>1:15 PM</strong></td>
<td><strong>1:15 PM</strong></td>
<td><strong>1:15 PM</strong></td>
<td><strong>1:15 PM</strong></td>
</tr>
</tbody>
</table>
| 1:15 PM | Introduction to cardiovascular shunt anomalies  
Eric Krieger, MD | ISCHEMIA: The role of cardiac CT  
David Maron, MD | Preppy premeds:  
Patient preparation and premedication / dealing with CAstrophes (managing contrast reactions)  
Daniel Groves, MD |
| 1:27 PM | Imaging septal defects and other intracardiac shunts  
Aloha Meave, MD | Clinical trials in preventive medicine  
Matthijs Oudkerk, MD, PhD | 1:25 PM | Rad to the bone (and lung and breast and heart and skin): CT dosimetry in 2021  
Andrew Einstein, MD, PhD, MSCCT |
| 1:39 PM | Imaging pulmonary and systemic anomalies  
Andrew Crean, MRCP, FRCR, MPH | CTA in non-STE myocardial infarction  
David Newby, MD, PhD | 1:35 PM | Why you gotta be so complicated? Managing complications (contrast, beta-blocker, NTG, IV extrav)  
Christopher Maroules, MD, FSCCT |
| 1:51 PM | Imaging intra- and extracardiac shunt anomalies in the pediatric population  
Prakash Masand, MD | CT-FFR trials  
Pamela Douglas, MD | 1:45 PM | We need to talk: How to communicate exam prep, scheduling, etc issues  
You've got mail! Anticipating referring questions (pre and post exam)  
Jill Jacobs, MD, MS-HQSM, FSCCT |
| 2:03 PM | Pre-procedural planning of shunt interventions  
Tim Slesnick, MD | CT perfusion imaging  
Kakuya Kitagawa, MD, PhD, FSCCT | 1:55 PM | The letter of the law:  
Communicating results to patients (CURES Act and more)  
J. Jeffrey Carr, MD, MSc, MSCCT |
| 2:15 PM | Putting it all together: Case-based review of shunt anomalies  
Prachi Agarwal, MBBS, MS | Sex in cardiovascular imaging trials: past and present  
Noel Bairey Merz, MD | 2:05 PM | All in due process  
[Improvement]: QA/QI in cardiac CT  
Quynh Truong, MD, MPH, FSCCT |

2:30 – 2:40 PM | EXHIBITOR SHOWCASE |
## SATURDAY AFTERNOON

### CHANNEL 1

**PHOTON ENERGY: SPECTRAL CT, PHOTON COUNTING AND DUAL ENERGY**  
**CHAIRS:**  
David Bluemke, MD, PhD, MsB  
Martha Gulati, MD, MS

- **2:40 PM**  
  [Photon] Count on me: An overview of PC for CCT  
  Rozemarijn Vliegenthart, MD, PhD

- **2:50 PM**  
  The world is becoming more PC: How photon counting will change CV imaging  
  Gregory Kicska, MD, PhD

- **3:00 PM**  
  Single energy but sharper resolution: A different direction?  
  Sujata Shanbhag, MD, MPH

- **3:10 PM**  
  Dual-ing CTs: Dual source/dual energy & single source / dual energy CVCT  
  U. Joseph Schoepf, MD, FSCCT

- **3:20 PM**  
  kV switched at birth: Is kV switching in infancy or all grown up?  
  Fay Lin, MD

- **3:30 PM**  
  Spectral CT vs single energy CT  
  Suhny Abbara, MD, MSCCT

- **3:40 PM**  
  Q & A

### CHANNEL 2

**HOW TO INCORPORATE PLAQUE EVALUATION IN CLINICAL WORKFLOW**  
**CHAIRS:**  
Pal Maurovic-Horvat, MD, PhD, MPH, FSCCT  
Hyuk-Jae Chang, MD, PhD, FSCCT

- **2:40 PM**  
  What is the better prognostic tool for clinicians: High-risk plaque vs. plaque burden  
  Damini Dey, PhD, FSCCT

- **2:55 PM**  
  Plaque composition and risk of subsequent CV events  
  Marc Oweck, MD, PhD

- **3:10 PM**  
  Coronary calcium in the setting of CTA scan: What does calcium add?  
  Mouaz Al-Mallah, MD, MSc, FSCCT

- **3:25 PM**  
  How to best communicate atherosclerosis assessment and risk in coronary CTA report  
  Jim Stirrup, DLM, MD, FRCP, FSCCT

- **3:40 PM**  
  Q & A

### CHANNEL 3

**STRUCTURAL HEART, THE FUTURE IS HERE**  
**CHAIRS:**  
Michael Winkler, MD, MSCCT  
Tiffany Chen, MD

- **2:40 PM**  
  Current and future management of aortic stenosis  
  Kevin Greason, MD

- **2:53 PM**  
  Aortic valvuloplasty and BASILICA  
  Chad Kliger, MD

- **3:06 PM**  
  Cardiac amyloid and myocardial extracellular volume (ECV) by CT  
  Francesca Pugliese, MD, PhD, FSCCT

- **3:19 PM**  
  Cardiac flow simulations: Clinical insights  
  Ronak Rajani, MD, FSCCT

- **3:32 PM**  
  CT in the cath lab: 3D visualization and prints  
  Michael Winkler, MD, MSCCT

- **3:45 PM**  
  Q & A

---

### SCCT FINAL TAKE: CLOSING SESSION

**CHAIRS:**  
Koen Nieman, MD, PhD, MSCCT  
Eric Williamson, MD, FSCCT

- **4:00 PM**  
  Welcome and take-home points  
  Koen Nieman, MD, PhD, MSCCT

- **4:05 PM**  
  Presentation of the SCCT2021 Awards: Best Abstract and Canon Young Investigator Awards  
  Koen Nieman, MD, PhD, MSCCT  
  Eric Williamson, MD, FSCCT

- **4:15 PM**  
  SCCT2021 Highlights  
  Ed Nicol, MD, MBA, FSCCT

- **4:45 PM**  
  Welcome to SCCT Wrap Up  
  Eric Williamson, MD, FSCCT

---

**5:15 PM**  
ADJOURN
**SPONSORED SYMPOSIA**

**FRIDAY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speakers</th>
<th>Sponsored by</th>
</tr>
</thead>
</table>
| 8:30 AM – 8:55 AM | Mobile Cardiac CT – a novel approach to expanding patient access   | Matthew Budoff, MD, MSCCT  
Mike Allen, JD  
Moderator: Scott Shubert | ARINETA CARDIO IMAGING                                                |
| 9:00 AM – 9:25 AM | Next Generation Spectral CT for cardiovascular application       | Tim Leiner, MD, PhD                                                   | PHILIPS HEALTHCARE                  |
| 12:25 PM – 12:55 PM | Beyond plaque assessment: Fat Attenuation Index to personalize cardiovascular risk prediction | Ron Blankstein, MD, MSCCT  
Nehal Mehta, MD, MSCE  
Jagat Narula, MD, PhD, FSCCT | CARISTO DIAGNOSTICS LTD.                                               |

**SATURDAY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speakers</th>
<th>Sponsored by</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 AM – 8:55 AM</td>
<td>Cardiac CT: Is it now an essential test for your heart team discussions?</td>
<td>Patrick M. Donnelly, MBCh BAO, MD, MRCP, FSCCT</td>
<td>GE HEALTHCARE</td>
</tr>
<tr>
<td>9:00 AM – 9:30 AM</td>
<td>Why atherosclerosis is all that really matters</td>
<td>James K. Min, MD, MSCCT and Jeroen Bax, MD, PhD</td>
<td>CANON MEDICAL SYSTEMS USA, INC.</td>
</tr>
<tr>
<td>9:00 AM – 9:30 AM</td>
<td>Advanced CT applications for structural heart disease interventions</td>
<td>Jonathon Leipsic, MD, FRCPC, MSCCT</td>
<td>CIRCLE CARDIOVASCULAR IMAGING</td>
</tr>
</tbody>
</table>
| 12:40 PM – 1:10 PM | Counting Detector Cardiac CT: Introduction and Outlook     | Thomas Allmendinger, PhD, FSCCT  
Principal Scientist, Siemens Healthineers | SIEMENS HEALTHINEERS               |

*Satellite Symposia are not a part of the SCCT program content as designed by the SCCT Annual Scientific Program Committee and are not approved for CME credit.*
PARTNERS THANK YOU

SCCT would like to thank all partners, sponsors and exhibitors for making SCCT2021 a huge success.

GE HEALTHCARE
PHILIPS HEALTHCARE

CANON MEDICAL SYSTEMS USA, INC
SIEMENS HEALTHINEERS

ARINETA
HEARTFLOW

This activity is supported by educational grants from Medtronic, Edwards Lifesciences and Boston Scientific.
SPEAKERS AND CHAIRS

SUNNY ABBARA, MD, MSCCT
UTSW Medical Center

STEPHAN ACHENBACH, MD, MSCCT
University of Erlangen

PRAKASH ACARWAL, MBBS, MS
University of Michigan Health System

ARTHUR AGATSTON, MD, FSCCT
Florida International University Herbert Worthing College of Medicine

AHMED IBRAHIM AHMED, MD, MPH
Houston Methodist Debakey Heart & Vascular

SUHNY ABBARA, MD, MSCCT
UTSW Medical Center

PRACHI ACARWAL, MBBS, MS
University of Michigan Health System

ARTHUR AGATSTON, MD, FSCCT
Florida International University Herbert Worthing College of Medicine

AHMED IBRAHIM AHMED, MD, MPH
Houston Methodist Debakey Heart & Vascular
INGE VAN DEN HOOCEN, MD
Leiden University Medical Center

TODD C. VILLINES, MD, MSCCT
University of Virginia Health System

ROZEMARIJN VLIEGENTHART, MD, PHD
University Medical Center Groningen

DEE DEE WANG, MD, FSCCT
Henry Ford Health System

NIKKOLE WEBER, RT (R)(CT)(M), CSCCT
Mayo Clinic

W. GUY WEIGOLD, MD, FSCCT
MedStar Heart & Vascular Institute

JONATHAN WEIR-MCCALL, MBCHB, PHD
University of Cambridge

MICHELLE WILLIAMS, MBCHB, PHD, FSCCT
University of Edinburgh

ERIC WILLIAMSON, MD, FSCCT
Mayo Clinic

MICHAEL WINKLER, MD, MSCCT
Medical College of Georgia at Augusta
University

PAMELA WOODARD, MD, MSCCT
Washington University School of Medicine

PHILLIP YOUNG, MD
Mayo Clinic

JEANNIE YU, MD, FSCCT
Tibor Rubin VA Medical Center at Long Beach

ARMIN ZADEH, MD, PHD, MPH, FSCCT
Johns Hopkins University