This new conference, led by Program Directors Juan P. Umaña, MD (El Rosario University/Fundación Cardioinfantil in Bogota, Colombia), Vinod H. Thourani, MD (Emory University in Atlanta, GA, USA), Jose Luis Pomar, MD, PhD (University of Barcelona, Spain), and Joseph E. Bavaria, MD (University of Pennsylvania in Philadelphia, PA, USA), is a 2-day educational activity that will provide a unique and innovative format for the attendees, highlighting the management of cardiovascular surgical diseases.

Sessions will incorporate not only invited lectures from a world-class international faculty on traditional and new technology procedures, but also original scientific abstracts presented in oral and poster sessions. They will concentrate on the multidisciplinary approach to coronary artery disease, valvular heart disease, thoracic aorta disease, atrial fibrillation, and the surgical management of heart failure. An integral component will be invited technical videos in regard to procedural expertise in these disease processes, followed by a robust panel discussion. This new and extremely innovative conference will provide attendees access to the highest level of education with the goal of improved patient management.

Learning Objectives

Upon completion of this activity, participants should be able to:

- Evaluate the impact of new knowledge and the application of new technology on the treatment of cardiovascular diseases
- Discuss surgical techniques in order to improve the standard of care for cardiovascular patients
- Review the results of clinical and laboratory investigations designed to reveal new knowledge of cardiovascular disease
- Describe the multidisciplinary approach to coronary artery disease, valvular heart disease, thoracic aorta disease, atrial fibrillation, and the surgical management of heart failure
Target Audience

This conference is intended for:

- Cardiothoracic surgeons
- Cardiovascular surgeons
- Cardiologists
- Anesthesiologists
- Perfusionists
- Physician assistants
- Nurses
- Other healthcare professionals interested in the topic

Program Directors

Juan P. Umaña, MD  
(Bogota, Colombia)

Vinod H. Thourani, MD  
(Atlanta, GA, USA)

Jose Luis Pomar, MD, PhD  
(Barcelona, Spain)

Joseph E. Bavaria, MD  
(Philadelphia, PA, USA)

Registration

Early bird registration through August 7, 2017
Physicians: USD 200
Non-Physicians: USD 100

Standard registration beginning August 8, 2017
Physicians: USD 250
Non-Physicians: USD 150
### Day 1: Thursday, September 21, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 a.m. – 8:05 a.m.</td>
<td>Opening Remarks</td>
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<tr>
<td>8:05 a.m. – 8:17 a.m.</td>
<td><strong>General Session: Mitral Valve I</strong></td>
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<td><strong>Moderators:</strong> Vinod H. Thourani, MD and Juan P. Umana, MD</td>
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<tr>
<td>8:05 a.m. – 8:17 a.m.</td>
<td>Optimal Timing for Referral and Best Imaging Modality for Degenerative Mitral Valve Disease</td>
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<td>David S. Bach, MD</td>
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<td>8:17 a.m. – 8:29 a.m.</td>
<td>Degenerative Mitral Valve Regurgitation: Resect or Respect?</td>
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<td>Juan P. Umana, MD</td>
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<td>8:29 a.m. – 8:49 a.m.</td>
<td>Rheumatic Mitral Valve Disease: Should the Valve Be Repaired? Pro/Con</td>
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<td>Fernando R. Moraes, MD – Con</td>
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<tr>
<td>8:49 a.m. – 9:01 a.m.</td>
<td>Ischemic Mitral Valve: Repair or Replace?</td>
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<td>Vinod H. Thourani, MD</td>
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<td>9:01 a.m. – 9:13 a.m.</td>
<td>Concomitant Tricuspid Valve Repair: When, Why and How</td>
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<td>Steven F. Bolling, MD</td>
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<tr>
<td>9:13 a.m. – 9:21 a.m.</td>
<td><strong>Abstract I</strong>: Clinical Outcomes of Young Patients Undergoing Endovascular or Open Repair for Abdominal Aortic Aneurysms: A Systematic Review and Meta-analysis</td>
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<td>Wan Chin Hsieh, MD</td>
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<td>9:21 a.m. – 9:29 a.m.</td>
<td><strong>Abstract II</strong>: Atrial Reduction Surgery in Giant Left Atrium with Modified “Spiral Technique”</td>
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<td>Josias Rios, MD</td>
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<td>9:30 a.m. – 9:45 a.m.</td>
<td>Panel Discussion</td>
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<td>9:45 a.m. – 10:15 a.m.</td>
<td>BREAK</td>
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<tr>
<td>10:15 a.m. – 11:00 a.m.</td>
<td>STS Going Global</td>
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<td>Joseph E. Bavaria, MD</td>
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</tbody>
</table>
General Session: Mitral Valve II

Moderators: Steven F. Bolling, MD and Vadim Kotowicz, MD

11:00 a.m. – 11:12 a.m. Worldwide Results and Review of MitraClip: What Is the Future?
Dario Eccheverri, MD

11:12 a.m. – 11:24 a.m. Introduction to Transcatheter Mitral Valve Repair and Replacement
Vinod H. Thourani, MD

11:24 a.m. – 11:36 a.m. Minimally Invasive Mitral Valve Repair: The New Gold Standard?
Juan P. Umana, MD

11:36 a.m. – 11:48 a.m. How I Do It: Mitral Valve Repair with Neochordae
Vadim Kotowicz, MD

11:48 a.m. – 12:00 p.m. How I Do It: Management of Mitral Annular Calcification
Vinay Badhwar, MD

12:00 p.m. – 12:08 p.m. Abstract I: Periareolar Access for Minimally Invasive Mitral Valve Surgery: The Brazilian Technique
Robinson Poffo, MD

12:08 p.m. – 12:16 p.m. Abstract II: Worst Nightmare – Transcatheter Mitral Valve in Valve
Dimitar Petkov, PhD

12:16 p.m. – 12:30 p.m. Panel Discussion

12:30 p.m. – 1:30 p.m. LUNCH

1:30 p.m. – 3:00 p.m. Parallel Sessions

Track I: Adult Congenital

Moderators: Christian Pizarro, MD and Nestor F. Sandoval, MD

1:30 p.m. – 1:42 p.m. Surgery for Ebstein Anomaly
Christian Pizarro, MD

1:42 p.m. – 1:54 p.m. Pulmonary Valve Replacement
Christian Kreutzer, MD

1:54 p.m. – 2:06 p.m. How to Deal With the Small LVOT
Victor Caicedo, MD

2:06 p.m. – 2:18 p.m. Management of Dilated Aortic Root After Repair of CHD
Christian Pizarro, MD

Track II: Heart Failure

Moderators: Christian A. Bermudez, MD and Francis D. Pagani, MD, PhD

1:30 p.m. – 1:42 p.m. Heart Transplantation in Latin America: Opportunities and Limitations
Fabio B. Jatene, MD, PhD

1:42 p.m. – 1:54 p.m. Increasing Organ Availability: From Machine Perfusion to Donors After Cardiac Death
Ayyaz Ali, MD

1:54 p.m. – 2:06 p.m. Outcomes of MCS as a Bridge to Heart Transplantation: Are We Compromising Short- and Long-Term Outcomes?
Francis D. Pagani, MD, PhD

2:06 p.m. – 2:18 p.m. ECMO and Other Short-Term MCS: What Every Surgeon Needs to Know
Christian A. Bermudez, MD
## Conference Program

### Track I: Adult Congenital (Continued)

- **2:18 p.m. – 2:30 p.m.**
  - Tips and Tricks for Reop in Adult CHD
  - **Nestor F. Sandoval, MD**

- **2:30 p.m. – 2:38 p.m.**
  - **Abstract I:** Adult Outcomes After Double Patch Closure of Ventricular Septal Defects for Children with Pulmonary Hypertension and Elevated Pulmonary Vascular Resistance
  - **William M. Novick, MD**

- **2:38 p.m. – 2:46 p.m.**
  - **Abstract II:** Cone Operation and Other Procedures for Ebstein’s Anomaly
  - **Nestor F. Sandoval, MD**

- **2:46 p.m. – 3:00 p.m.**
  - Panel Discussion

### Track II: Heart Failure (Continued)

- **2:18 p.m. – 2:30 p.m.**
  - Tips and Tricks for Reop in Adult CHD
  - **Nestor F. Sandoval, MD**

- **2:30 p.m. – 2:38 p.m.**
  - **Abstract I:** von Willebrand Factor Degradation Fragments Are a Mechanistic Link Between Continuous-Flow LVAD Support and Gastrointestinal Angiodysplasia and Bleeding
  - **Carlo Bartoli, MD**

- **2:38 p.m. – 2:46 p.m.**
  - **Abstract II:** HeartWare HVAD Pump Exchange though Left Minithoracotomy Approach
  - **Nicolas Brozzi, MD**

- **2:46 p.m. – 3:00 p.m.**
  - Panel Discussion

### Track III: Atrial Fibrillation

- **Moderators:** Vinay Badhwar, MD and Steven F. Bolling, MD

- **3:30 p.m. – 3:42 p.m.**
  - What’s New in the Guidelines for Surgical Ablation?
  - **Vinay Badhwar, MD**

- **3:42 p.m. – 3:54 p.m.**
  - Hybrid Surgical Ablation in South America: Lesson Learned
  - **Joao R. Breda, MD**

- **3:54 p.m. – 4:06 p.m.**
  - Lesion Sets and Energy Sources: What Are the Data?
  - **Steven F. Bolling, MD**

- **4:06 p.m. – 4:18 p.m.**
  - Clinical Factors Impacting Outcomes Following Surgical Ablation
  - **Ovidio A. Garcia-Villarreal, MD**

- **4:18 p.m. – 4:30 p.m.**
  - Stand-alone and Concomitant Ablation: Challenges and Progress
  - **Javier D. Maldonado, MD**

### Track IV: Tricuspid Valve

- **Moderators:** Jose L. Pomar, MD, PhD and Guillermo Vaccarino, MD

- **3:30 p.m. – 3:42 p.m.**
  - The Tricuspid Valve: The “Not So Forgotten” Valve
  - **Manuel Antunes, MD**

- **3:42 p.m. – 3:54 p.m.**
  - When to Address the TV in Heart Transplant and LVADS
  - **Francis D. Pagani, MD, PhD**

- **3:54 p.m. – 4:06 p.m.**
  - Timing and Indications for Isolated Tricuspid Valve Surgery
  - **Jose L. Pomar, MD, PhD**

- **4:06 p.m. – 4:18 p.m.**
  - How I Do It: Tricuspid Valve Repair in Endocarditis
  - **Gebrine El-Khoury, MD**

- **4:18 p.m. – 4:30 p.m.**
  - Introduction to Transcatheter Tricuspid Valve Repair
  - **Vinod H. Thourani, MD**
<table>
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<tr>
<th>Time</th>
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</table>
| 7:00 a.m. – 8:00 a.m. | **Stump the Professor: Aortic Valve/Mitral Valve**  
**Moderators:** Vinod H. Thourani, MD and Juan P. Umana, MD  
**Panelists:** Joseph E. Bavaria, MD, Gebrine El-Khoury, MD, and Steven F. Bolling, MD |
| 8:00 a.m. – 8:15 a.m. | **Opening Remarks** |
| 8:15 a.m. – 8:27 a.m. | **General Session: Aortic Valve**  
**Moderators:** Joseph C. Cleveland Jr., MD, Sergio Franco, MD, and Vinod H. Thourani, MD |
| 8:27 a.m. – 8:39 a.m. | **DEBATE: SAVR for Low-Risk Patients in 2017: Obsolete?**  
**Joseph E. Bavaria, MD** |
| 8:39 a.m. – 8:51 a.m. | **DEBATE: TAVR for Low-Risk Patients in 2017: Not So Fast**  
**Enrico R. Ferrari, MD** |
| 8:51 a.m. – 9:03 a.m. | **Minimally Invasive AVR: Thoracotomy vs. Hemisternotomy**  
**Juan Santiago Jaramillo, MD** |
| 9:03 a.m. – 9:15 a.m. | **Use of Bioprosthetic Valves in Younger Patients: Where’s the Evidence?**  
**Pedro Becker, MD** |
| 4:30 p.m. – 4:38 p.m. | **Abstract I:** Incidence of Postoperative Atrial Fibrillation After Minimally Invasive Mitral Valve Surgery  
**Mateo Marin, MD** |
| 4:38 p.m. – 4:46 p.m. | **Abstract II:** Hybrid Ablation for Long-standing Persistent Atrial Fibrillation: A Two Stage Nonconcomitant Approach Using the Cobra Fusion Device and Catheter Ablation (Single-Centre Experience)  
**Jaime Alberto Villaquiran, MD** |
| 4:46 p.m. – 5:00 p.m. | **Abstract I:** Single Center Experience in Latin America with the HeartMate II and III Left Ventricular Assist Devices  
**Antonio Figueredo, MD** |
| 5:30 p.m. – 7:00 p.m. | **Panel Discussion** |
| 5:00 p.m. – 5:15 p.m. | **Closing Remarks** |
| 5:15 p.m. – 5:30 p.m. | **Panel Discussion** |
| 5:30 p.m. – 7:00 p.m. | **Reception** |

**Day 2: Friday September 22, 2017**
### Conference Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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| 9:15 a.m. – 9:23 a.m. | **Abstract I:** The Clinical Implications and Long-Term Outcomes Associated with Biological and Mechanical Valve Replacements in Hemodialysis Medicare Patients  
*Nimesh Desai, MD, PhD* |
| 9:23 a.m. – 9:31 a.m. | **Abstract II:** Aortic Valve Replacement With the Edwards Intuity® Valve: Short and Mid-Term Clinical and Echocardiographic Results  
*Lorena Montes, MD* |
| 9:31 a.m. – 9:45 a.m. | Panel Discussion                                                        |
| 9:45 a.m. – 10:15 a.m. | BREAK                                                                  |
| 10:15 a.m. – 11:00 a.m. | Legend from South America: The History of Cardiac Surgery in Latin America  
*Fabio B. Jatene, MD, PhD* |
| 10:15 a.m. – 11:00 a.m. | **General Session: STS and Latin America Quality and Outcomes Initiatives**  
*Moderators: Jeffrey P. Jacobs, MD and Fabio B. Jatene, MD, PhD* |
| 11:00 a.m. – 11:12 a.m. | The History of the STS National Database: Its Role in Quality Improvement, Research, and Health Policy  
*Jeffrey P. Jacobs, MD* |
| 11:12 a.m. – 11:24 a.m. | Challenges for Implementation of Multicentric Registries in Latin America  
*Nestor F. Sandoval, MD* |
| 11:24 a.m. – 11:36 a.m. | Continuous Quality Improvement Program in Cardiovascular Surgery: The Latin American Perspective  
*Walter J. Gomes, MD* |
| 11:36 a.m. – 11:48 a.m. | How I Maintain the Highest Quality of Cardiovascular Care in My Surgical Program  
*Eric E. Roselli, MD* |
| 11:48 a.m. – 12:00 p.m. | The Argentinian Transplantation Registry: A Latin American “Bright Spot”  
*Alejandro M. Bertolotti, MD* |
| 12:00 p.m. – 12:08 p.m. | **Abstract I:** Comparison of The Society of Thoracic Surgeons Predicted Risk of Mortality, Logistic EuroSCORE I and EuroSCORE II in Israeli Patients Undergoing Cardiac Surgery  
*Oz M. Shapira, MD* |
| 12:08 p.m. – 12:16 p.m. | **Abstract II:** Conservative Pro-Erythrogenic Therapy in Ultra-Restrictive Patient Blood Management in Cardiac Surgery  
*Pierre Tibi, MD* |
| 12:16 p.m. – 12:30 p.m. | Panel Discussion                                                        |
| 12:30 p.m. – 1:30 p.m. | LUNCH                                                                  |
| 1:30 p.m. – 3:00 p.m. | Parallel Sessions                                                       |

*Agenda and speakers are subject to change.*
**Track I: Coronary**

**Moderators:** Jorge M. Balaguer, MD and Jacob DeLaRosa, MD

1:30 p.m. – 1:42 p.m. 
Evidence-Based Management of CAD: Last Decade Trials and Updated Guidelines  
*Enrico R. Ferrari, MD*

1:42 p.m. – 1:54 p.m. 
Management of CAD in Low-EF Patients  
*Jacob DeLaRosa, MD*

1:54 p.m. – 2:06 p.m. 
On- vs. Off-Pump CABG for Mixed-Risk and High-Risk Groups: Where Is the Evidence?  
*Joseph C. Cleveland Jr., MD*

2:06 p.m. – 2:18 p.m. 
Bilateral IMA and All-Arterial Revascularization: How To Do It and Current Evidence  
*Daniel O. Navia, MD*

2:18 p.m. – 2:30 p.m. 
Hybrid Coronary Revascularization: Who Would Benefit?  
*Alejandro Rey, MD*

2:30 p.m. – 2:38 p.m. 
**Abstract I:** Myocardial Hybrid Revascularization vs. Coronary Artery Bypass Grafting for Complex Triple-Vessel Disease—Preliminary Results of the Merging Randomized Clinical Trial: Pilot Phase  
*Marco Antonio Praca Oliveira, MD*

2:38 p.m. – 2:46 p.m. 
**Abstract II:** Safe Preservation of Myocardial Function with del Nido Cardioplegia in CABG Patients  
*Brigida Aguerrereve, CCP*

2:46 p.m. – 3:00 p.m. 
Panel Discussion

**Track II: Aorta & Aortic Arch**

**Moderators:** Joseph E. Bavaria, MD and Eduardo Turner, MD

1:30 p.m. – 1:42 p.m. 
Worldwide Results in Type A Aortic Dissection Repair and Future Treatment Options  
*Joseph E. Bavaria, MD*

1:42 p.m. – 1:54 p.m. 
Circulatory Management During Arch Reconstruction: Cold vs. Warm and ACP vs. RCP  
*Eduardo Turner, MD*

1:54 p.m. – 2:06 p.m. 
Options in Aortic Arch Reconstruction: Conventional vs. Frozen Elephant Trunk  
*Ricardo Ribeiro Dias, MD*

2:06 p.m. – 2:18 p.m. 
Distal Arch and Descending Aorta: What Is the Optimal Therapy in 2017?  
*Eric E. Roselli, MD*

2:18 p.m. – 2:30 p.m. 
Chronic Type B Aortic Dissection: Open vs. TEVAR  
*Jaime Camacho, MD*

2:30 p.m. – 2:38 p.m. 
**Abstract I:** Does Simultaneous Lower Body Perfusion During Aortic Arch Repair With Circulatory Arrest Improve Patient Outcomes?  
*Jill Gelinas, MD*

2:38 p.m. – 2:46 p.m. 
**Abstract II:** Outcomes of Aortic Surgery after Previous Sternotomy  
*Mary Siki, BS*

2:46 p.m. – 3:00 p.m. 
Panel Discussion

3:00 p.m. – 3:30 p.m. 
BREAK
General Session: Aortic Root  

**Moderators:** Joseph E. Bavaria, MD and Juan P. Umana, MD

3:30 p.m. – 3:42 p.m. Bicuspid Aortic Valve Repair  
Joseph E. Bavaria, MD

3:42 p.m. – 3:54 p.m. Valve Sparing Aortic Root Replacement  
Gebrine El-Khoury, MD

3:54 p.m. – 4:06 p.m. Optimal Strategy for Aortic Root Replacement: Ross  
Roberto R. Favaloro, MD

4:06 p.m. – 4:18 p.m. Optimal Strategy for Aortic Root Replacement: Bentall with Decellularized Graft  
Francisco DaCosta, MD

4:18 p.m. – 4:30 p.m. Endo-Bentall: Fact or Fiction?  
Eric E. Roselli, MD

4:30 p.m. – 4:38 p.m. **Abstract I:** Treatment of Poststenotic Aneurysms of the Ascending Aorta by Wrapping Tape Operation  
Vakulenko Kostiantin, PhD

4:38 p.m. – 4:46 p.m. **Abstract II:** An 18-year Experience of Valve-sparing Aortic Root Replacement with the Reimplantation Technique  
Mónica Gilbert, MD

4:46 p.m. – 5:15 p.m. Panel Discussion

7:00 p.m. – 10:00 p.m. Gala Dinner

Agenda and speakers are subject to change.