Programme Guide
Registration Opening Hours

Thursday, 21 November
15:00 - 18:00

Friday, 22 November
07:30 - 18:00

Saturday, 23 November
07:00 - 18:00

Sunday, 24 November
08:30 - 12:30
Welcome

Dear Colleagues,

Welcome to the third STS/EACTS Latin America Cardiovascular Surgery Conference, to Cancún and to the International Convention Center.

The Programme Directors and National Co-ordinators have put together an exciting programme featuring a world-class, international faculty who will address and explore the latest developments and best practices in coronary artery disease, valvular heart disease, congenital heart disease, thoracic aortic disease, atrial fibrillation, and the surgical management of heart failure.

In addition to the invited lectures and keynote presentations, the programme will feature original scientific abstracts in our oral and poster sessions, technical videos related to procedural expertise, trials and quality and outcomes sessions and interactive panel discussions. On Sunday morning you will also have the opportunity to practice your technical skills in our hands-on workshops – please ensure that you sign up in advance for these via the Registration Desk.

Whether you are a cardiothoracic surgeon, cardiologist, anaesthesiologist, perfusionist, physician assistant or affiliated health care professional, we offer you access to the highest level of education with the goal of improved patient management.

Thank you for joining us for this year’s Conference. We trust that you will find it interactive, stimulating and inspiring.

Programme Directors
José Luis Pomar, Spain
Joseph E. Bavaria, USA
Lorenzo Galletti, Italy
Patrick Perier, Germany
Nestor F. Sandoval, Colombia
Vinod H. Thourani, USA
Juan P. Umaña, Colombia

National Co-ordinators
Alejandro Rey, Mexico
José Antonio Heredia Delgado, Mexico
Plenary Sessions

General Session: Mitral Valve - COZUMEL ROOM
Moderators: J L Pomar, Barcelona; A Rey, Mexico City

08:00-08:10 Opening remarks J Bavaria, Philadelphia; J L Pomar, Barcelona
08:10-08:22 Mitral valve repair - when to resect and when to respect; P Perier, Bad Neustadt/Saale
08:22-08:34 Rheumatic mitral valve repair: Should we persevere? V Badhwar, Morgantown
08:34-08:45 Off pump repair of mitral valve prolapse. Update of results; S Livesey, London
08:45-08:58 Minimally invasive vs. conventional mitral valve repair: Is there a real difference? J P Umaña, Bogotá
08:58-09:10 Transcatheter mitral valve repair and replacement; V Thourani, Atlanta
09:10-09:20 Abstract 036: Atrioventricular groove disruption: A surgical challenge in mitral valve surgery; M Silva, Portugal
09:20-09:30 Abstract 137: Percutaneous transeptal mitral valve implantation in failed surgical bioprosthetic valves. Early experience in Brazil; M Oliveira, Brazil
09:30-10:00 Panel discussion
10:00-10:30 Break
10:30-11:00 Keynote Address
   Jump on the transcatheter train before it leaves the station
   M Mack, Dallas

12:50-13:50 Lunch
Friday, 22 November 2019

Parallel Sessions

How to Video Session I: Adult - COZUMEL ROOM

Moderators: J Bavaria, Philadelphia; P Perier, Bad Neustadt/Saale; J L Pomar, Barcelona; E Turner, Santiago

13:50-14:00 Aortic valve repair; J Vojáček, Hradec Kralove
14:00-14:06 Discussion
14:06-14:16 Minimally invasive aortic valve sparing root replacement; M Shrestha, Hannover
14:16-14:22 Discussion
14:22-14:32 Ross Procedure - how I do it; I El-Hamamsy, Montreal
14:32-14:38 Discussion
14:38-14:48 Dealing with excess tissue in mitral valve repair; P Perier, Bad Neustadt/Saale
14:48-14:54 Discussion
14:54-15:04 Bicuspid valve repair with the David V repair; J Kelly, Philadelphia
15:04-15:10 Discussion
15:10-15:40 Break

How to Video Session II: Heart Failure - COBÁ ROOM

Moderators: F Beyersdorf, Freiburg; F M Rincón, Bogotá

13:50-14:00 Heart preservation for transplantation in 2020; J L Pomar, Barcelona
14:00-14:10 Discussion
14:10-14:20 Repair of bicuspid aortic valve; E Belli, Paris
14:20-14:30 Discussion
14:30-14:40 Repair of truncus with severe truncal regurgitation; C Pizarro, Wilmington
14:40-14:50 Discussion
14:50-15:00 Left ventricular recruitment; J Salazar, Houston
15:00-15:10 Discussion
15:10-15:40 Break

How to Video Session III: Congenital - TULUM ROOM

Moderators: J Cervantes, Mexico City; N Sandoval, Bogotá; C Vazquez, Mexico City

13:50-14:00 Transposition of the great arteries criss-cross heart with multiple ventricular septal defects and straddling of tricuspid valve; V Hraska, Wisconsin
14:00-14:10 Discussion
14:10-14:20 Repair of bicuspid aortic valve; E Belli, Paris
14:20-14:30 Discussion
14:30-14:40 Repair of truncus with severe truncal regurgitation; C Pizarro, Wilmington
14:40-14:50 Discussion
14:50-15:00 Left ventricular recruitment; J Salazar, Houston
15:00-15:10 Discussion
15:10-15:40 Break
Friday, 22 November 2019

Parallel Sessions

Parallel Session I: Myocardial Revascularization - COZUMEL ROOM
Moderators: O Garcia, Mexico City; M Sousa Uva, Lisbon; V Thourani, Atlanta
15:40-15:52 Arterial Graft Choices: Radial vs. BIMA; J Grau, Ottawa
15:52-16:10 Pedicled vs. Y-grafts: Which technique is optimal? V Kotowicz, Buenos Aires
16:10-16:22 How I do it: All arterial no-touch off-pump coronary artery bypass graft; To be confirmed
16:22-16:34 Minimally invasive coronary artery bypass graft: Techniques and outcomes; J Sabik, Cleveland
16:34-16:46 2nd graft choice in patients over 70 years of age; N Brozzi, Miami
16:46-16:58 Abstract 085: Coronary bypass 10-year follow-up in Colombia: clinical outcomes in off-pump vs on-pump; F M Rincón, Colombia
16:58-17:30 Panel discussion

Parallel Session II: Atrial Fibrillation - COBÁ ROOM
Moderators: A Berrebi, Paris; J P Uña, Bogotá
15:40-15:52 Mitral repair and left atrial appendage in all patients? Is this warranted? P Perier, Bad Neustadt/Saale
15:52-16:10 New approaches to atrial fibrillation through minimally invasive cardiac surgery; V Badhwar, Morgantown
16:10-16:22 How I do my biatrial maze operations; M Moon, St Louis
16:22-16:34 Is right side ablation mandatory in surgery? S Livesey, London
16:34-16:46 Anti-coagulation management of new post-op atrial fibrillation; C Riera, Mexico City
16:46-16:58 Abstract 055: Concomitant atrial fibrillation ablation during cardiac surgery: a single centre current practice and short-term outcomes; A A Mistirian, UK
16:58-17:10 Abstract 031: Relative risk for thrombus formation according to the left atrial appendage morphology in atrial fibrillation; O. A. Garcia-Villareal, Mexico
17:10-17:30 Panel discussion

Parallel Session III: Congenital Left Ventricular Obstruction - TULUM ROOM
Moderators: V Hraska, Wisconsin; A Palacios, Mexico City; C Pizzaro, Wilmington
15:40-15:52 Echocardiographic guidance; C Vázquez, Mexico City
15:52-16:10 Surgical management of sub-aortic obstruction with aortic valve resuscitation; J Salazar, Houston
16:10-16:22 Left ventricular outflow tract after repair: Sub-aortic membrane and patching; S Fuller, Philadelphia
16:22-16:34 The role of Ross and Ross Konno operation in complex left ventricular outflow tract obstruction; L Galletti, Rome
16:34-16:46 Left ventricular outflow tract after conotruncal anomalies repair; To be confirmed
16:46-16:58 Abstract 056: Surgical correction of aortic coarctation in neonates and infants: a single center analysis of the last 20 Years; C Rodrigues, Portugal
16:58-17:10 Abstract 014: Repair of complete atrio-ventricular septal defect: Is pre-operative admission for cardiac or respiratory failure associated with worse outcome? M Hébala, UK
17:10-17:30 Panel discussion

Plenary Session

17:30-17:50 Keynote Address - COZUMEL ROOM
Research is crucial in cardiac surgery
F Beyersdorf, Freiburg
18:30-20:30 Reception at the El Mortero Restaurant
Saturday, 23 November 2019

**Plenary Session**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
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<tbody>
<tr>
<td>07:00-08:00</td>
<td>Recent trial data that will change your practice: A surgeon’s discussion</td>
<td>COZUMEL ROOM&lt;br&gt;<strong>Moderator:</strong> J Bavaria, Philadelphia&lt;br&gt;<strong>Panellists:</strong> S Bolling, Ann Arbor; A Rey, Mexico City; V Thourani, Atlanta</td>
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<tr>
<td>08:00-08:10</td>
<td>Opening remarks; V Thourani, Atlanta</td>
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<td>General Session: Aortic Valve - COZUMEL ROOM</td>
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<td><strong>Moderators:</strong> A Berrebi, Paris; V Thourani, Atlanta; J Vojáček, Hradec Kralove</td>
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<tr>
<td>08:10-08:22</td>
<td>Aortic valve repair - best first option? C Villa, Bogotá</td>
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<tr>
<td>08:22-08:34</td>
<td>Aortic valve repair in children and young adults; V Hraska, Wisconsin</td>
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<tr>
<td>08:34-08:46</td>
<td>Is reoperation with a tissue or mechanical aortic valve replacement still a valid option in the era of transcatheter aortic valve replacement? T Nguyen, Houston</td>
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<tr>
<td>08:46-08:58</td>
<td>New tissue valves: How promising are they? R de Paulis, Rome</td>
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<tr>
<td>08:58-09:10</td>
<td>Will transcatheter aortic valve replacement replace surgical aortic valve replacement across the spectrum, and when? M Mack, Dallas</td>
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<tr>
<td>09:10-09:20</td>
<td>Abstract 093: Minimally invasive thoracotomy approach to valvular procedures results in reduced operative, ventilator, and intensive care unit time during hospitalization versus sternotomy: A single-center retrospective review; R J Vela, USA</td>
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<tr>
<td>09:20-09:30</td>
<td>Abstract 108: Single-center experience of aortic valve replacement with a sutureless bioprosthesis: Prospective observation study; S Hong, South Korea</td>
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<tr>
<td>09:30-10:00</td>
<td>Panel discussion</td>
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**Parallel Sessions**

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Details</th>
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<tbody>
<tr>
<td>10:00-10:40</td>
<td>Stump the Professor I: Aortic Valve, Mitral Valve - COZUMEL ROOM</td>
<td><strong>Moderators:</strong> J Bavaria, Philadelphia; M Moon, St Louis; J L Pomar, Barcelona&lt;br&gt;<strong>Panellists:</strong> A Berrebi, Paris; J Castillo, New York; V Thourani, Atlanta; E Turner, Santiago</td>
</tr>
<tr>
<td>10:00-10:40</td>
<td>Stump the Professor II: Heart Failure and Treatment - COBÁ ROOM</td>
<td><strong>Moderator:</strong> M Sitges, Barcelona&lt;br&gt;<strong>Panellists:</strong> C Bermudez, Philadelphia; F Beyersdorf, Freiburg; E Molina, Washington</td>
</tr>
<tr>
<td>10:00-10:40</td>
<td>Stump the Professor III: Congenital - TULUM ROOM</td>
<td><strong>Moderators:</strong> S Fuller, Philadelphia; L Galletti, Rome; N Sandoval, Bogota&lt;br&gt;<strong>Panellists:</strong> E Belli, Paris; V Hraska, Wisconsin; C Pizzaro, Wilmington; J Salazar, Houston</td>
</tr>
<tr>
<td>10:40-11:00</td>
<td>Break</td>
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Parallel Session IV: Heart Failure, Transplantation and Left Ventricular Assist Device - COZUMEL ROOM

Moderators: J DeLaRosa, Pocatello; E. Molina, Washington; J L Pomar, Barcelona

11:00-11:12 Carl Project on full body reperfusion after cardiac arrest; F Beyersdorf, Freiburg
11:12-11:24 Future technology: From hemo to bio compatible smart pumps; E Molina, Washington
11:36-11:48 Heart transplantation in Latin America: Recent advances and future challenges; Panel discussion
11:48-12:00 From short to long-term mechanical support: When weaning is an option; C Bermudez, Philadelphia
12:00-12:12 Are transplant coordination models exportable? J L Pomar, Barcelona
12:12-12:22 Abstract 040: Comprehensive treatment of patient with chronic tromboembolic pulmonary hypertension in the Czech Republic; J Lindner, Czech Republic
12:22-12:32 Abstract 018: Extracorporeal membrane oxygenation for acute catastrophic hanta virus cardipulmonary syndrome in an epidemic region in southern Chile. Is this support as good as ELSO reports?; J C Bahamondes, Chile
12:32-12:50 Panel discussion

Parallel Session V: Aortic Arch/Descending Aorta - COBÁ ROOM

Moderators: J Bavaria, Philadelphia; J Camacho, Bogotá; M Shrestha, Hannover

11:00-11:12 Type A dissection, keeping it simple: The ascending/hemi-arch reign continues; M Moon, St Louis
11:12-11:24 Type A dissection, simple is stupid: The best arch procedure is Frozen Elephant Trunk (FET); R de Paulis, Rome
11:24-11:36 Type A dissection keeping it simple, but not too simple: The Zone 2 arch with sequential thoracic endovascular aortic repair concept; N Desai, Philadelphia
11:36-11:48 Acute Type B dissection: Is there enough data to support thoracic endovascular aortic repair for all cases? Or just those with high risk features? B Leshnower, Atlanta
11:48-12:00 Is descending thoracic endovascular aortic repair for chronic Type B dissection really ready for prime time? Or is it just a “Failure of Concept”? N Desai, Philadelphia
12:00-12:12 Is complete ascending resection/replacement (open distal anastomosis or hemi-arch) necessary for bicuspid aortic valve aortopathy? A Della Corte, Naples
12:12-12:22 Abstract 120: Characteristics and treatment status of aortic dissection in Chinese population – single center’s experiences; Q Zhou, China
12:22-12:32 Abstract 087: The Bentall procedure: Clinical outcome and quality of life: 10-year experience in Latin-America; F M Rincón, Colombia
12:32-12:50 Panel discussion

Parallel Session VI: Congenital Controversies in Univentricular Heart - TULUM ROOM

Moderators: J Cervantes, Mexico City; C Kreutzer, Buenos Aires; C Vazquez, Mexico City

11:00-11:12 Conversion to biventricular repair; J Salazar, Houston
11:12-11:24 Surgical strategies for re-routing the lymphatic system; V Hraska, Wisconsin
11:24-11:36 Atrioventricular valve repair in single ventricle: Keeping it simple; J Salazar, Houston
11:36-11:48 Hypoplastic left heart syndrome lessons from 40 years of treatment; C Pizarro, Wilmington
11:48-12:00 Failing Fontan: Is there any future? L Galletti, Rome
12:00-12:12 Fontan operation at high altitude: Myth or reality; N Sandoval, Bogotá
12:12-12:22 Abstract 071: Post repair tetralogy of fallot reinterventions; M Ahmed, Egypt
12:22-12:32 Abstract 047: Pulmonary endarterectomy at high altitude; A F Guerrero, Colombia
12:32-12:50 Panel discussion
12:50-13:30 Lunch
### Saturday, 23 November 2019

#### Parallel Sessions

**Parallel Session VII: Cardiovascular Medicine: Surgery vs Transcatheter Approach - COZUMEL ROOM**

**Moderators:** I El Hamamsy, Montreal; M Moon, St Louis; J L Pomar, Barcelona

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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker</th>
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A last perspective for young surgeons from a cardiologist; | A Berrebi, Paris                 |
| 13:42-13:54| Lessons from paediatric transcatheter approaches;                             | L Galletti, Rome                  |
| 13:54-14:06| The tricuspid valve gets unexpected attention right now;                       | M Sitges, Barcelona              |
| 14:06-14:18| Mitral surgery vs. transcatheter approach: Same results?                      | J Castillo, New York             |
| 14:18-14:30| How to merge teaching programmes;                                              | M Mack, Dallas                    |
| 14:30-14:40| Abstract 088: Transcatheter aortic valve replacement in patients with          |                                   |
|            | concomitant Heyde's syndrome: A case series;                                  | A Iyengar, USA                    |
| 14:40-14:50| Abstract 068: Initial experience with the intuitive aortic valve rapid-deployment prostheses in Argentina. First 30 cases; | R M Estrada Mendoza, Argentina    |
| 14:50-15:20| Panel discussion                                                              |                                  |
| 15:20-15:40| Break                                                                         |                                  |

**Parallel Session IX: Congenital Controversies in Transposition of the Great Arteries and Double Outlet Right Ventricle - TULUM ROOM**

**Moderators:** E Belli, Paris; S Fuller, Philadelphia; A Palacios, Mexico City

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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>13:30-13:42</td>
<td>Surgical management of double outlet right ventricle;</td>
<td>E Belli, Paris</td>
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</tbody>
</table>
| 13:42-13:54| Nikaidoh, Rastelli, Réparation à l’étage ventriculaire, arterial switch operation?:  
What and when; | S Fuller, Philadelphia                                                        |
| 13:54-14:06| Expanding the limits of posterior aortic translocation;                       | V Hraska, Wisconsin              |
| 14:06-14:18| Left side reoperation after arterial switch;                                  | C Pizarro, Wilmington            |
| 14:18-14:30| Surgical management of congenitally corrected transposition of the great arteries; | V Hraska, Wisconsin              |
| 14:30-14:40| Abstract 076: Pediatric congenital heart disease treated via subaxillary mini thoracotomy: A single center experience; | W. Xing, China                   |
| 14:40-14:50| Abstract 077: Spectrum of anomalous aortic origin of right coronary arteries: |                                  |
|            | Report of seven cases;                                                        | A M Palacio, Colombia             |
| 14:50-15:20| Panel discussion                                                              |                                  |
| 15:20-15:40| Break                                                                         |                                  |

**Parallel Session VIII: Acute Problems and Surgery - COBÁ ROOM**

**Moderators:** J Grau, Ottawa; V Thourani, Atlanta; J P Umaña, Bogotá

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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker</th>
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<tr>
<td>13:30-13:42</td>
<td>Acute mechanical complications of myocardial infarction: How to improve results;</td>
<td>M Sousa Uva, Lisbon</td>
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<tr>
<td>13:42-13:54</td>
<td>Surgical management for acute pulmonary embolus;</td>
<td>J DeLaRosa, Pocatello</td>
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<tr>
<td>13:54-14:06</td>
<td>My patient has a deep vasoplegia: What can I do?</td>
<td>J Sabik, Cleveland</td>
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<tr>
<td>14:06-14:18</td>
<td>The cardiogenic shock treatment. The team role of the surgeon;</td>
<td>E Molina, Washington</td>
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<td>14:18-14:30</td>
<td>Ventricular septal rupture: Not so deadly?</td>
<td>J Sabik, Cleveland</td>
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<tr>
<td>14:30-14:40</td>
<td>Abstract 073: Can the intraaortic balloon pump be an efficient mechanical unloader of the left ventricle in veno-arterial extracorporeal membrane oxygenation therapy in cardiogenic shock. A strategy in the absence of IMPELLA;</td>
<td>J Parra, Columbia</td>
</tr>
<tr>
<td>14:40-14:50</td>
<td>Abstract 038: Aorta type B dissection and Petticoat technique. Experience a single center in follow up after 5 years;</td>
<td>Á Flores, Spain</td>
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<tr>
<td>15:00-15:20</td>
<td>Panel discussion</td>
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<td>15:20-15:40</td>
<td>Break</td>
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Saturday, 23 November 2019

### Plenary Session

**General Session: Aortic Root - COZUMEL ROOM**

**Moderators:** M Moon, St Louis; M Sousa Uva, Lisbon

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>15:52-16:04</td>
<td>Should we lower the threshold to replace the aortic root in bicuspid aortic valve?</td>
<td>E Roselli, Cleveland</td>
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<tr>
<td>16:04-16:16</td>
<td>How to deal with the small aortic root; M Shrestha, Hannover</td>
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<tr>
<td>16:16-16:28</td>
<td>The Ross Procedure reborn; I El-Hamamsy, Montreal</td>
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<td>16:28-16:40</td>
<td>Valve retention during Type A dissection: Is the root stable?</td>
<td>J Bavaria, Philadelphia</td>
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<tr>
<td>16:40-16:50</td>
<td>Abstract 122: Can we call the modified Bentall according “Tirana 1” the new golden standard technique?</td>
<td>E Prifti, Albania</td>
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<tr>
<td>16:50-17:00</td>
<td>Abstract 024: Surgical treatment of the aneurysm of the ascending aorta and aortic valve disease: Contemporary outcomes; L R Jimenez-Hernandez, Mexico</td>
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<tr>
<td>17:00-17:30</td>
<td>Panel discussion</td>
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<td>17:30-17:50</td>
<td>Keynote Address</td>
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<td>The busy surgeon innovation: Do they go hand in hand?</td>
<td>S Bolling, Ann Arbor</td>
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<tr>
<td>17:50-18:10</td>
<td>Closing remarks and abstract awards presentation</td>
<td>J Bavaria, Philadelphia; J L Pomar, Barcelona</td>
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### Sunday, 24 November 2019

### Workshops 09:00 - 12:30

**Mitral & Tricuspid Valve Repair**

**Facilitators:** J Castillo, New York; P Perier, Bad Neustadt/Saale

**Faculty:** V Kotowicz, Buenos Aires; S Livesey, London; J L Pomar, Barcelona; A Rey, Mexico City; M Sitges, Barcelona; V Thourani, Atlanta; J P Umaña, Bogotá

**Surgery of the Aortic Valve & Root**

**Facilitators:** J Bavaria, Philadelphia; E Turner, Santiago; J Vojáček, Hradec Kralove

**Faculty:** A Berrebi, Paris; R de Paulis, Rome; I El-Hamamsy, Montreal; N Sandoval, Bogotá; M Shrestha, Hannover

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**SIGN UP FOR WORKSHOPS** Places on the workshops are limited. It is therefore essential that you sign up in advance via the Registration Desk.
Sponsors

The Society of Thoracic Surgeons and the European Association for Cardio-Thoracic Surgery is grateful to the following organisations for their support of this year’s conference.

The Thoracic Surgery Foundation Travel Award Scholarships

Educational scholarships provided for this meeting through STS’s charitable arm – The Thoracic Surgery Foundation – were made possible by the generosity of Edwards Lifesciences Foundation and W.L. Gore & Associates, Inc.
LEVEL 2 CONFERENCE PLAN

STS/EACTS Latin America Cardiovascular Surgery Conference 2019

CANCUN ICC
International Convention Center

Salón/Room ISLA MUJERES
Salón/Room COZUMEL
Salón/Room COBÁ
Salón/Room XCARET
Salón/Room CONTYO
Salón/Room TULUM

Secretariat
Sessions
Exhibition, Posters & Catering

REGISTRATION AND INFORMATION
COZUMEL SESSION ROOM

1. Abbott
2. Terumo Aortic
3. CryoLife
4. The Society of Thoracic Surgeons
5. Medistim
6. LSI Solutions / CPS Cool
7. The Heart Valve Society
9. CytoSorbents
10. Medtronic
11. Edwards Lifesciences
Save the Date

STS/EACTS Latin America Cardiovascular Surgery Conference

November 19-21, 2020
Santiago, Chile