

**INTERVENTIONAL CARDIOLOGY 2017**  
**32<sup>nd</sup> Annual International Symposium**  
March 5 – 10, 2017

**Sunday, March 5, 2017**  
**7:00 – 10:00 AM ♦ Morning Session**

**American Session I: A Fresh Look at TAVR / Is TAVR Ready for Prime Time?**

Chairmen: *Augusto D. Pichard, MD, FACC, Raj Makkar, MD, FACC*

**Intermediate and Low Risk TAVR**

*Augusto D. Pichard, MD, FACC*

**TAVR is Ready for Prime Time**

*Raj Makkar, MD, FACC*

**Wait a Minute, There are Still Questions to Be Answered**

*Brian Bethea, MD*

**Portico Valve**

*Raj Makkar, MD, FACC*

**Mini Symposium on Neuroprotection**

**What is a Stroke?**

*Wade Smith, MD*

**Post TAVR Abnormalities by DWI MR – What do They Mean?**

*Christopher Hess, MD, PhD*

**The Problem is Bigger Than We Think**

*Daryl Gress, MD*

**Does Neuroprotection Prevent Cerebral Embolization?**

*Samir Kapadia, MD, FACC*

**Panel Discussion**

**Is it Time to do Low and Intermediate Risk Patients?**

*Daryl Gress, MD, Samir Kapadia, MD, FACC, Raj Makkar, MD, FACC, Augusto D. Pichard, MD, FACC*

**When is the Appropriate Time for Interventionalists to Stop Cath Lab Work?**

*Augusto D. Pichard, MD, FACC*



**Sunday, March 5, 2017**

**3:15 – 6:30 PM ♦ Afternoon Session**

**Oral Abstract Session I**

**Endovascular Selective Cerebral Hypothermia – First-in-Human Experience**

*Ronald Jay Solar, PhD*

**Non-TAVR Structural Heart Disease**

**Paravalvular Leak**

*Samir Kapadia, MD, FACC*

**LA Appendage Closure**

*Brijeshwar S. Maini, MD, FACC*

**Post-MI VSD Closure**

*Saibal Kar, MD, FACC*

**Percutaneous Tricuspid Repair**

*Brijeshwar S. Maini, MD, FACC*

**Mitral Valve Disease**

**Overview of Mitral Space from a Surgeon's Perspective**

*Brian Bethea, MD*

**Overview of Mitral Space from a Cardiologist's Perspective**

*Raj Makkar, MD, FACC*

**Cardio AQ Valve**

*Saibal Kar, MD, FACC*

**Tendyne Valve**

*Augusto D. Pichard, MD, FACC*

**Mitral Clip**

*Saibal Kar, MD, FACC*

## **“Demonstration” Cases**

When Andreas Gruentzig started his live courses in 1978, he called them “Demonstration” courses. These carefully chosen words meant that the live cases were intended to show what could be done by an expert. They were not intended to necessarily teach how to do it. Our highly skilled faculty members have done some truly amazing structural cases. I have asked them to present some of these exotic cases to demonstrate what can be done by true experts. There should be no expectation that an average practitioner can do these cases without additional training.

### **Presenters:**

*Samir Kapadia, MD, FACC, Saibal Kar, MD, FACC, Brijeshwar S. Maini, MD, FACC,  
Raj Makkar, MD, FACC,*

**6:00 – 6:30 PM**

### **Special Lecture on the History of Angioplasty**

**The Origins of Coronary Angioplasty – Some Little Things You Have Never Heard Before**

*Philippe Gaspard, MD*

**Video from Last Gruentzig Course in Zurich, August 1980**

**Monday, March 6, 2017**

**7:00 – 10:00 AM ♦ Morning Session**

**Please note that the Monday, March 6<sup>th</sup> presentations are not included in CME/CEU hours.**

**The Presidential Voting Process in America: History, Explanation of Why the System Originated and Why It's Still in Force**

*James R. Margolis, MD, FACC*

**New this year!**

**Active interaction between faculty, attendees and industry leaders**

The rapid development of interventional cardiology – both coronary and structural – has been a result of close collaboration between interventional cardiologists and industry. Without this collaboration we would still be in the 1980's. Over the years we have lost that intimacy with industry that had been so vital in the past.

In 2017, we are making a major effort to reconnect. The two Monday sessions are devoted to direct interaction with senior management from device companies large and small. I have asked CEO's from various companies to present their visions of the future and how they plan to meet future challenges. Although each speaker has been asked to speak on the same topics, I am expecting an eclectic collection of presentations as diverse as the companies from which the speakers come.

Monday's schedule has included a surfeit of discussion time. Audience interaction is strongly encouraged. The purpose of this exercise is to expose a large sampling of the top interventional cardiologists from 25+ countries to a diverse group of leaders of the medical device industry. We can all learn from each other. When we better understand the challenges these companies face – and when they better understand the problems we face and where we need help from industry – the processes of innovation and advancement will proceed more rapidly to everyone's mutual benefit.

Chairman: *James R. Margolis, MD, FACC*

**The Gut Wrenching Experience of Entrepreneurship**

*Clive A. Meanwell, MB, ChB, MD*

The Medicines Company

*Jamey Jacobs*

Abbott Vascular

*Scott Huennekens*

Verb Surgical

*Chris Richardson*

Keystone Heart

*Vince Burgess*

Orbimed

**Monday, March 6, 2017**  
**3:30 – 6:00 PM ♦ Afternoon Session**

Chairman: *James R. Margolis, MD, FACC*

**The Art of a Startup**

*Olav Bergheim*

Fjord Ventures

*Frank Litvack, MD, FACC*

Interventional Cardiologist

Entrepreneur and Venture Capitalist

*Tor Peters*

Occlutech AB

*Howard Leonhardt*

Leonhardt Ventures

**Panel Discussion**

*Olav Bergheim, Vince Burgess, Scott Huennekens, Jamey Jacobs, Howard Leonhardt, Jamey Jacobs, Frank Litvack, MD, FACC, Clive A. Meanwell, MB, ChB, MD, Tor Peters, Chris Richardson*

**Tuesday, March 7, 2017**

**7:00 – 10:00 AM ♦ Morning Session**

**Central/Eastern European Session I**

Chairmen: *Dariusz Dudek, MD, PhD, FACC, Jacek Legutko, MD, PhD*

**Ultrasound Guided Access for Radial and Femoral PCI/PVI: How to Avoid Vascular Complications**

*Magdalena Zeglin, MD*

**Mini-Symposium on Bioresorbable Stents (BRS)**

**Design Constraints of Current Bioresorbable Scaffolds: Can We Improve Their Procedural Parameters? Insights from Polish Apollo and BSM Projects**

*Krzysztof Milewski, MD, PhD*

**Bioresorbable Vascular Scaffolds in Complex Lesions: Experience in an Outpatient Clinic**

*Stefan Mot, MD*

**Direct Stenting in Acute Coronary Syndromes with Bioresorbable Vascular Scaffold**

*Stanislaw Bartus, MD, PhD*

**Bioresorbable Stents Update – Similarities and Differences in Comparison to First Generation BVS**

*Dariusz Dudek, MD, PhD, FACC*

**Structural Session**

**Novel Methodology for Aortic-valvar Complex Calcium Quantification for Transcatheter Aortic Valve Replacement**

*Radoslaw Parma, MD, PhD*

**TAVI Implantation in Bicuspid Valve – Technique Update and Polish Experience**

*Andrzej Ochala, MD*

**Transcatheter Heart Valves in Extreme Cases**

*Adam Witkowski, MD, PhD*

**Balloon Aortic Valvuloplasty for Highest Risk Patients Before TAVI or AVR**

*Dariusz Dudek, MD, PhD, FACC*

**Transcatheter Heart Valves in Mitral Valve (Valve-in-valve, Valve-in-ring, Valve-in-MAC)**

*Adam Witkowski, MD, PhD*

**Percutaneous Mitral Interventions**

*Dariusz Dudek, MD, PhD, FACC*

**Percutaneous Mitral Commissurotomy, Still a Necessary Intervention in this Region**

*Stefan Mot, MD*

**Transcatheter Closure of Left Atrial Appendage: What have We Learned from the First 100 Procedures**

*Marcin Demkow, MD, PhD, FACC*

**Left Atrial Appendage Closure with the Watchman Device in Poland and in Europe – Latest Data from Prospective 1,000 Patients EWOLUTION Registry**

*Marek Grygier, MD, PhD*

**Drug Regime After LAA Closure in 2017 – (N)OAC's, DAPT, ASA or Maybe Nothing?**

*Marek Grygier, MD, PhD*



**Tuesday, March 7, 2017**

**3:15 – 6:00 PM ♦ Afternoon Session**

**Oral Abstract Session II**

**Percutaneous Biventricular Cardiac Assist Device in Cardiogenic Shock and Refractory Cardiopulmonary Arrest**

*Julia Ellert, MD*

**Scandinavian-Baltic Session**

Chairmen: *Andrejs Erglis, MD, PhD, FACC, M. Pauliina Margolis, MD, PhD,*  
*Kari I. Saunamäki, MD, PhD*

**The Danish Team**

**30-day Mortality After Primary PCI: Cause of Death in Relation to the Age of the Patients**

*Kari I. Saunamäki, MD, PhD*

**ECMELLA – Combined Impella and ECMO in Cardiogenic Shock**

*Peter Clemmensen, MD, DMSci*

**Update on Stent Thrombosis – Insights from OCT**

*Maria Radu, MD, PhD*

**Influence of a Biodegradable Polymer on Long Term DES Outcomes: From the SORT-OUT Trials**

*Lisette Okkels Jensen, MD, DMSci*

**PCI on the Left Main Stem – Perspective of the European Bifurcation Club**

*Jens Flensted Lassen, MD, PhD*

**Long-term Prognosis After PCI for Chronic Total Occlusion in 524 Consecutive Patients**

*Jan Ravkilde, MD, DMSci*

**ICD Implantation After Resuscitation from Cardiac Arrest – Are We Selecting the Right Patients?**

*Helle Sjøholm, MD, PhD*

**Endocarditis in Patients with Severe Aortic Stenosis Treated with Either Surgical or Transcatheter Aortic Bioprosthesis: Three Year Follow-up of the NOTION Trial**

*Nikolaj Ihlemann, MD, PhD*

## **The Latvian Team**

### **Latvian Real-life Registry on Bioresorbable Vascular Scaffolds: A Single High Volume Centre Experience**

*Andrejs Erglis, MD, PhD, FACC*

### **A Single Centre Randomized Study on Full Restoration Therapy for Long Coronary Lesions with Bioresorbable Platforms vs. New Generation Drug Eluting Stents**

*Ieva Briede, MD*

### **Bioresorbable Vascular Scaffold Use for Chronic Total Occlusion**

*Dace Sondore, MD*

### **PCI vs. CABG for Left Main Disease: Results from Randomized Single Centre Study**

*Karlis Štrengē, MD*

### **Congenital Heart Disease Program in Latvia**

*Agnese Štrengē, MD*

**Wednesday, March 8, 2017**

**7:00 – 10:00 AM ♦ Morning Session**

**Southeast Europe Session**

Chairman: *Đeiti Prvulović, MD, PhD*

**Patient Oriented Approach for Left Main PCI**

*Gelev Valeri, MD*

**CTO Recanalization – Effect of Retrograde Approach**

*Gelev Valeri, MD*

**Intracoronary Thrombolysis in Patients with STEMI and a Large Thrombotic Burden**

*Miha Čerček, MD, PhD*

**Single Center Experience with Extracorporeal Membrane Oxygenation for Hemodynamic Support during High-Risk Percutaneous Coronary Interventions and in Cardiogenic Shock**

*Boris Starčević, MD, PhD*

**Registry Based Multicenter Randomized Clinical Trial: DEB in True Bifurcation Lesions**

*Đeiti Prvulović, MD, PhD*

**Treatment of Patients with STEMI in Bosnia and Herzegovina: Current Status and Perspectives**

*Aleksandar Lazarevic, MD, FACC*

**Interventional Cardiology in Montenegro: Present Situation and Future Prospects**

*Dragnić Siniša, MD*

**CTO in Serbia – Personal Experience**

*Nenad Božinović, MD*

**Treatment of Coronary Artery Disease with Drug Eluting Balloons**

*Klaus Bonaventura, MD*

**Dutch Session**

Chairman: *Jacques J. Koolen, MD, PhD*

**Bioabsorbable Scaffolds – The Future, a Passing Fad or Somewhere in Between?**

*Jacques J. Koolen, MD, PhD*

**The Perspective of Cardiac Regeneration**

*Pieter Doevendans, MD, PhD*

**Women and Coronary Artery Disease: Less is More?**

*Yolande Appelman, MD, PhD*

**Percutaneous Closure of Paravalvular Leaks**

*Robbert J. de Winter, MD, PhD*

**Impact of TAVI on Coronary Hemodynamics and Left Ventricular Performance**

*Karel Koch, MD*

**Wednesday, March 8, 2017**  
**3:15 – 6:00 PM ♦ Afternoon Session**

**Oral Abstract Session III**

**Efficacy and Safety of Pharmaco-Invasive Reperfusion Strategy in Acute ST-Segment-Elevation Myocardial Infarction in a Developing Country**  
*Dominador del Castillo, III*

**British Session**

Chairman: *Charles Ilesley, MD*

**Complete vs. Incomplete Revascularization in Patients with Coronary Artery Disease**  
*Charles Ilesley, MD*

**Is an Artificial Heart a Realistic Solution for Younger Patients with Circulatory Failure?**  
*Andre R. Simon, MD, PhD*

**TEVAR and Type A Aortic Dissection**  
*Christoph A. Nienaber, MD, PhD*

**Japanese Session**

Chairmen: *Hideo Nishikawa, MD, PhD, Etsuo Tsuchikane, MD, PhD*

**Newer Developments in Treatment of CTOs in Japan: Highlights of CCT 2016**  
*Etsuo Tsuchikane, MD, PhD*

**CTO-PCI**  
*Eugene Wu*

**Current Status of TAVR in Japan**  
*Kentaro Hayashida, MD, PhD*

**TAVR in an Extremely Small Patient**  
*Kentaro Hayashida, MD, PhD*

**Recent Japanese Trials in Catheter Interventions 2017**  
*Hideo Nishikawa, MD, PhD*

**Physiology Guided PCI for Complex Lesions: New Technology Changes the World**  
*Hitoshi Matsuo, MD, PhD, FACC*

**Non-wire Based Assessment for Physiological Lesion Severity**  
*Hitoshi Matsuo, MD, PhD, FACC*

## **American Session II**

**Where are we Going with Stem Cells? Is There a Light at the End of the Tunnel?**

*Timothy D. Henry, MD, FACC*

**Primary PCI for STEMI: Door to Balloon Time is Only the Tip of the Iceberg**

*Timothy D. Henry, MD, FACC*

**Thursday, March 9, 2017**

**7:00 – 10:00 AM ♦ Morning Session**

**Russian Session**

Chairman: *Evgeny Merkulov, MD, PhD*

**Treatment of Ischemic Stroke in Russia – Problems and Nearest Perspectives?**

*Aleksey Protopopov, MD, PhD*

**Endovascular Treatment of Myocardial Infarction – Still a Problem?**

*Igor Kochanov, MD*

**Stent Optimization in Bifurcation PCI**

*Alexandr G. Osiev, MD, PhD*

**Efficacy and Safety of the Adjuvant Techniques During Revascularization in Patients with Complex Coronary Disease**

*Vsevolod Mironov, MD*

**Uncommon Case of a Huge Coronary Aneurysm**

*Evgeny Merkulov, MD, PhD*

**American Session III**

Chairman: *Richard R. Heuser, MD, FACC*

**PAD: New Approaches to Treat Fem-Pop CTOs and CLI**

*Richard R. Heuser, MD, FACC*

**LDL Hypothesis in the Time of PCSK9**

*Robert A. Vogel, MD, FACC*

**Excimer Laser Coronary Angioplasty 25 Years Later**

*James R. Margolis, MD, FACC*

**German Session I**

Chairman: *Nicolaus Reifart, MD, PhD, FACC*

**Is There a Need for IVUS in the World of OCT?**

*Dietmar H. Koschyk, MD*

**LAA Closure with the New Lifetech Device**

*Horst Sievert, MD, FACC*

**A Randomized Trial Comparing Amplatzer and Occlutech ASD Occluder**

*Horst Sievert, MD, FACC*

**Acute Stroke Intervention: Passing fancy? Transformational? Purview of interventional Cardiologist or Neuro Radiologist?**

**Thursday, March 9, 2017**

**3:15 – 6:00 PM ♦ Afternoon Session**

**Oral Abstract Session IV**

**Clinical Outcomes of Medical Therapy, Early and Delayed Percutaneous Coronary Interventional Among Non-S-Segment Elevation Acute Coronary Syndrome**

*Dominador V. del Castillo III, MD*

**German Session II**

Chairman: *Gerald S. Werner, MD, PhD, FACC*

**Pericardial Disease: The Almost Forgotten Enemy**

*Reinhard C. Funck, MD*

**Femoral or Radial Approach? The Story AIN'T OVER**

*Nicolaus Reifart, MD, PhD, FACC*

**Why a Skilled Coronary Interventionalist Should Expand His Horizons to Include Endovascular**

*Nicolaus Reifart, MD, PhD, FACC*

**Importance of Direct Transfer of STEMI Patients into the Cath Lab: Saving Lives by Bypassing the Chest Pain Unit**

*Karl Heinrich Scholz, MD*

**Triple Antithrombotic Therapy in Patients with Cardiovascular Disease**

*Hans-Friedrich Voehringer, MD, FACC*

**BVS for Complex Chronic Total Occlusions – Promises and Problems**

*Gerald S. Werner, MD, PhD, FACC*

**Operator Dependence of Radiation Management: A Cohort Study of 6,000 CTO Procedures**

*Gerald S. Werner, MD, PhD, FACC*

**Contemporary Interventional Treatment of Coronary Bifurcation Lesions**

*Hans Störger, MD*

**Swiss Session**

**Advantage of MRI in Management of Cardiac Disease**

*Michael Pieper, MD*

**Czech Republic Session**

**In-stent Restenosis – How to Treat It?**

*Ota Hlinomaz, MD, PhD*





**Friday, March 10, 2017**

**7:00 – 10:00 AM ♦ Morning Session**

**Central-Eastern European Session II**

**Coronary Artery Disease**

**Tips and Tricks for FFR Assessment Revisited – An Update on New Techniques and Devices**

*Jacek Legutko, MD, PhD*

**Fractional Flow Reserve to Heart Rate Dependency in Different Epicardial Territories**

*Krzysztof Milewski, MD, PhD*

**Revascularization of Multivessel Coronary Disease from Perspective of the SYNTAX II Trial**

*Pawel E. Buszman, MD, PhD, FACC*

**Intravascular Coronary Imaging in the Modern Cath Lab – Integration, Co-registration, 3-D Reconstruction**

*Marcin Wizimirski, RT*

**OCT/NIRS Imaging of Stent Healing and Neointimal Hyperplasia – Preclinical and Clinical Data**

*Wojtek Wojakowski, MD*

**Thin Strut Chromium-cobalt BiOSS® LimC Stent as the Optimal Device for Coronary Bifurcations Including Distal Left Main: Early Results of FIM Registry**

*Robert J. Gil, MD, PhD*

**Imaging or Functional Assessment of Left Main Intermediate Lesion – A Time for Final Statement?**

*Tomasz Pawlowski, MD, PhD*

**Left Main PCI Optimization – How to Use Imaging?**

*Jacek Legutko, MD, PhD*

**Protected PCI with LVAD in Complex Intervention**

*Dariusz Dudek, MD, PhD, FACC*

**How Can Interventionalists Help in Optimal Diagnosis and Subsequent Treatment of the Patients with Suspected Myocarditis/Inflammatory Cardiomyopathy?**

*Robert J. Gil, MD, PhD*

**A look back over the past 31 years including video tapes of live cases, slide presentations from past meetings and a little bit of nostalgia**

**Discussion & Summary**