

- 15:00 – 15:48 CT Case Presentations
- 15:00 – 15:12 **Udo Hoffmann** (Boston, USA)
15:12 – 15:24 **Philipp Kaufmann** (Zurich, Switzerland)
15:24 – 15:36 **Koen Nieman** (Rotterdam, The Netherlands)
15:36 – 15:48 **Günter Stix** (Vienna, Austria)
- 15:48 – 16:36 MR Case Presentations
- 15:48 – 16:00 **Oliver Bruder** (Essen, Germany)
16:00 – 16:12 **Peter Buser** (Basel, Switzerland)
16:12 – 16:24 **Holger Thiele** (Leipzig, Germany)
16:24 – 16:36 **Udo Sechtem** (Stuttgart, Germany)
- 16:36 - 17:00 Coffee Break
- 17:00 – 18:00 SessionIII**
MY PERSONAL EXPERIENCE CT/MRI
- Chair:** **Holger Thiele** (Leipzig, Germany)
Koen Nieman (Rotterdam, Netherlands)
- 17:00 - 17:30 Tips and Tricks CMR
Charles Higgins (San Francisco, USA)
- 17:30 - 18:00 Tips and Tricks CT
Jörg Hausleiter (Munich, Germany)
- 18:30 **Reception**
with Poster Presentations

19:00 **Poster Presentations A**

Chair: *Peter Buser (Basel, Switzerland)*
Koen Nieman (Rotterdam, Netherlands)

19:00 – 19:05 **P1:** Cardiac MRI in reperfused STEMI: prognostic stratification using dedicated software tools
Elisabetta Chiodi (Ferreira, Italy)

19:05 – 19:10 **P2:** Potential of multi-slice computed tomography in assessment of mitral valve and left ventricular reverse remodeling after surgical repair
Natalia Solowjowa (Berlin, Germany)

19:10 – 19:15 **P3:** Post-traumatic cardiac herniation: late diagnosis with cardiac MR
Elena Perlasca (Bergamo, Italy)

19:15 – 19:20 **P4:** Myocarditis induced by Mesalamine: A Case Report
Elisa Rauseo (Rome, Italy)

19:00 **Poster Presentations B**

Chair: *Jörg Hausleiter (Munich, Germany)*
Oliver Bruder (Essen, Germany)

19:00 – 19:05 **P5:** Do we get an Accurate Impression about Left Ventricular Geometry with Prospective Gated 320 slice CT Coronary Angiogram Studies? Implications for CT coronary angiography reporting.
Stuart Moir (Melbourne, Australia)

19:05 – 19:10 **P6:** Measurement of trabeculated left ventricular mass using cardiac magnetic in thalassemia patients and correlation with clinical and functional cardiac parameters
Elisabetta Chiodi (Ferreira, Italy)

- 19:10 – 19:15 **P7:** Sudden Death in Young - Causes and Morphological Finding (including Magnetic Resonance): Data from Latvian Registry 2011
Ligita Zvaigzne (*Riga, Latvia*)
- 19:15 – 19:20 **P8:** Imaging support with multi-slice computed tomography for surgical restoration of dyskinetic anteroapical left ventricular aneurysm: single center experience
Natalia Solowjowa (*Berlin, Germany*)
- 19:20 – 19:25 **P9:** Role and cost-effectiveness of a stress imaging guided strategy in patients with non-culprit lesion at primary percutaneous coronary intervention
Marco Cengarle (*Bristol, UK*)

- 10:40 - 11:00 Main lecture: Atherosclerosis Imaging for risk stratification and discovery of novel effective treatments
Ahmed Tawakol (Boston, USA)
- 11:00 - 11:20 A paradigm shift: CAC and CCT to select candidate therapies and guide medical therapy
Udo Hoffmann (Boston, USA)
- 11:20 - 11:40 CMR: Comprehensive assessment of CHD
Holger Thiele (Leipzig, Germany)
- 11:40 - 12:00 **Panel:**
Ahmed Tawakol (Boston, USA)
Udo Hoffmann (Boston, USA)
Holger Thiele (Leipzig, Germany)
- 12:00 - 13:40 Lunch
- 13:40 – 14:40 Session VI
CHANGING PARADIGMS IN CARDIAC IMAGING**
- Chair:** **Filippo Civaia** (Monaco)
Günther Stix (Austria, Vienna)
- 14:40 - 14:00 T1 time measurements
Charles Higgins (San Francisco, USA)
- 14:00 - 14:20 MR Compatibility of PM systems
Oliver Bruder (Essen, Germany)
- 14:20 - 14:40 Assessment of myocardial flow and perfusion by CT
Koen Nieman (Rotterdam, The Netherlands)

- 14:40–15:00** **Session VII**
INDUSTRY FORUM – CMR
- Chair:** *Oliver Bruder (Essen, Germany)*
Filippo Civaia (Monaco)
- 14:40–14:50 CMR – Technology Update
Lars Drüppel (Siemens)
- 14:50- 15:00 CMR application seamlessly integratable in clinical routine
Yuko Yamamoto (Medis)
- 15:00 - 15:20 Coffee Break
- 15.20 - 16.40** **Session VIII**
THE ISCHEMIC BURDEN: what the interventional cardiologist and cardiac surgeon learned from noninvasive imaging techniques
- Chair:** *Pierre Monney (Lausanne, Switzerland)*
Holger Thiele (Leipzig, Germany)
- 15:20 - 15:40 Main lecture: Traditional diagnosis of ischemic and non-ischemic CMP
Ahmed Tawakol (Boston, USA)
- 15:40 - 16:00 Preinterventional assessment of viable myocardium in ischemic heart failure
Udo Sechtem (Stuttgart, Germany)
- 16:00 - 16:20 Planning complex coronary interventions: How helpful is CCT
Thomas Brunner (Vienna, Austria)
- 16:20 - 16:40 Panel:
Ahmed Tawakol (Boston, USA)
Udo Sechtem (Stuttgart, Germany)
Thomas Brunner (Vienna, Austria)

- 16:40 – 18:00** **Session IX**
CONTROVERSIES IN NONINVASIVE IMAGING:
What is the gold standard for hemodynamic
significance – The Bermuda triangle of myo
cardial ischemia, coronary morphology, and
FFR
- Chair:** *Ahmed Tawakol (Boston, USA)*
 Udo Sechtem (Stuttgart, Germany)
- 16:40 - 17:00 We still need the invasive assessment of
hemodynamically significance in CAD
Thomas Brunner (Vienna, Austria)
- 17:00 - 17:20 CCT – an efficient gatekeeper to ICA and on its way
to more
Udo Hoffmann (Boston, USA)
- 17:20 - 17:40 CMR – Assessment of stress perfusion deficit as
prerequisites for the intervention
Pierre Monney (Lausanne, Switzerland)
- 17:40 - 18:00 **Panel:**
Thomas Brunner (Vienna, Austria)
Udo Hoffmann (Boston, USA)
Pierre Monney (Lausanne, Switzerland)
- 18:00-19:00** **Session X**
CLINICAL CASE PRESENTATIONS II
- Chair:** *Thomas Brunner (Vienna, Austria)*
 Farouc Jaffer (Boston, USA)
- 18:00 – 18:30 CT Case Presentation
- 18:00 – 18:07 **Ahmed Tawakol (Boston, USA)**
18:07 – 18:15 **Koen Nieman (Rotterdam, The Netherlands)**
18:15 – 18:22 **Philipp Kaufmann (Zürich, Switzerland)**
18:22 – 18:30 **Udo Hoffmann (Boston, USA)**

18:30 – 19:00 MR Case Presentation

18:30 – 18:37 ***Filippo Civaia*** (Monaco)
18:37 – 18:45 ***Charles Higgins*** (San Francisco, USA)
18:45 – 11:52 ***Farouc Jaffer*** (Boston, USA)
18:52 – 19:00 ***Herbert Frank*** (Tulln, Austria)

20:00 **Social Event**

Sunday, April 21st, 2013

09:00 - 09:30 POSTER PRIZE PRESENTATION

Chair: *Herbert Frank (Tulln, Austria)*
Udo Hoffmann (Boston, USA)

Short presentation of the awarded posters by the authors

**09:30 – 10:30 Session XI
SAFETY CONSIDERATIONS IN CV IMAGING**

CHAIR: *Herbert Frank (Tulln, Austria)*
Udo Hoffmann (Boston, USA)

09:30-10:00 Radiation Exposures in Cardiac CT and low dose volume CT
Philipp Kaufmann (Zurich, Switzerland)

10:00-10:30 New developments for contrast agents
Gertraud Heinz (St. Pölten, Austria)

10:30 - 10:50 Coffee Break

**10:50 - 11:10 Session XII
INDUSTRY FORUM – CT**

Chair: *Jörg Hausleiter (Munich, Germany)*
Udo Hoffmann (Boston, USA)

10:50 - 11:00 Automated Assessment of the Aortic Root Anatomy for TAVI-Planning: Clinical Evaluation and Live Presentation
Philipp Blanke (Freiburg, Germany) for Siemens

11:00 - 11:10 Strategies for radiation dose reduction in vascular CT
Marco Francone (Rome, Italy) for Bracco

- 11:00 - 11:20 Validated CTA plaque analysis application
Yuko Yamamoto (*Medis*)
- 11:20 – 12:20** **Session XIII**
IMAGING AS PREOPERATIVE GUIDING
- Chair:** **Raphael Rosenhek** (*Vienna, Austria*)
Thomas Brunner (*Vienna, Austria*)
- 11:20 - 11:40 TAVI
Jörg Hausleiter (*Munich, Germany*)
- 11:40 - 12:00 Pediatric and adult congenital heart disease
Filippo Civaia (*Monaco*)
- 12:00 - 12:20 Cardiac Imaging in Electrophysiology –
The Electrophysiologist's view
Günter Stix (*Vienna, Austria*)
- 12.20-12:50** **Session XIV**
MY TOP TEN CLINICAL INDICATIONS
- Chair:** **Philipp Kaufmann** (*Zurich, Switzerland*)
Gertraud Heinz (*St. Pölten, Austria*)
- 12:20-12:35 Cardiovascular CT
Udo Hoffmann (*Boston, USA*)
- 12:35-12:50 Cardiovascular MR
Peter Buser (*Basel, Switzerland*)
- 12.50 Adjourn
Udo Hoffmann (*Boston, USA*)