

15:48 – 16:30 MR Case Presentations

15:48 – 16:00 Peter Buser (Basel, Switzerland)
16:00 – 16:12 Filippo Civaia (Monaco)
16:12 – 16:24 Herbert Frank (Tulln, Austria)
16:24 – 16:36 Sanjay Prasad (London, UK)

16:36 – 17:00 Coffee Break

**17:00 – 18:00 Session III:
MY PERSONAL EXPERIENCE CT/MRI**

Chair: Filippo Civaia (Monaco)
Antti Saraste (Turku, Finland)

17:00 - 17:30 **Tips and Tricks MR**
Sanjay Prasad (London, UK)
17:30 - 18:00 **Tips and Tricks CT**
Koen Nieman (Rotterdam, Netherlands)

18:30 Reception & Poster Presentations

19:00-19:42 Poster Presentations A

Chair: Quynh Truong (Boston, USA)
Peter Buser (Basel, Switzerland)

19:00-19:06 **P1 Increased enddiastolic wall stress leads to
left ventricular hypertrophy**
Peter Alter (Marburg, Germany)

- 19:06 - 19:12 **P2 Detection of myocardial ischemia in patients with known coronary artery disease by automated color-encoded perfusion maps compared to visual analysis of adenosine stress cardiac magnetic resonance imaging: a pilot study**
Christina Doesch (Mannheim, Germany)
- 19:12 - 19:18 **P3 Relationship between obstructive coronary artery disease and calcium scores in low, intermediate and high risk patients**
Admir Dedic (Rotterdam, Netherlands)
- 19:18 - 19:24 **P4 Coronary artery anomalies revisited: there's more to see than stenosis or plaques on coronary CTA**
Patrick Dewachter (Brussels, Belgium)
- 19:24 – 19:30 **P5 Added value of MDCT in the evaluation for coronary artery fistulas**
Tim Vanderhasselt (Brussels, Belgium)
- 19:30 – 19:36 **P6 Differential diagnosis of non-ischemic myocardial disease: the power of delayed contrast enhanced cardiovascular magnetic resonance**
Kristof De Smet (Brussels, Belgium)
- 19:36 – 19:42 **P7 Cardiac Herniation following partial Pericardiectomy for chronic calcified Constrictive Pericarditis: A Case Report**
Anastasia Pomoni (Lausanne, Switzerland)

19:00 - 19:42 **Poster Presentations B**

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

19:00 - 19:06 **P8 Dual Source CT with High Pitch Protocol offers Advanced Cardiac and Pulmonary Imaging in Infants and Children**
Hans Gerd Kehl (Münster, Germany)

19:06 - 19:12 **P9 Acute Coronary Syndrome, Right Ventricular Dysfunction and Cardiogenic Shock - Diagnostic Challenge**
Marianna Paiva (Porto, Portugal)

19:12 - 19:18 **P10 Visualization of the myocardium at risk after acute myocardial infarction: a comparison between T2 weighted imaging, infarct endocardial surface area and contrast-enhanced SSFP**
Tirza Springeling (Rotterdam, Netherlands)

19:18 - 19:24 **P11 Salvaged myocardium in acute myocardial infarction: a comparison between transmural and non-transmural infarction**
Tirza Springeling (Rotterdam, Netherlands)

19:24 – 19:30 **P12 CT coronary imaging in statin treated asymptomatic patients with familial hypercholesterolemia**
Lisan Neefjes (Rotterdam, Netherlands)

- 19:30 – 19:36 **P13 Coronary plaque burden in asymptomatic patients with type 2 diabetes mellitus**
Gert-Jan Richter Ken Take
(Rotterdam, Netherlands)
- 19:36 – 19:42 **P14 Dual Energy CT for Coronary artery plaque characterization and risk stratification**
Panse Prasad (Phoenix, USA)

Saturday April 9th, 2011

- 09:00 – 10:00 Session IV:
“CORONARY ARTERY DISEASE” – Advanced
imaging of coronary artery disease**
- Chair:* Peter Buser (Basel, Switzerland)
Charles Higgins (San Francisco, USA)
- 09:00 - 09:20 Main Lecture:
**What do we need beyond risk factors and
biomarkers – Time for primary prevention
imaging**
Ahmed Tawakol (Boston, USA)
- 09:20 - 09:40 **MR and Molecular Imaging**
Farouc Jaffer (Boston, USA)
- 09:40 - 10:00 **PET & CT**
Antti Saraste (Turku, Finland)

- 10:00 - 10:40** **Session V:**
“CORONARY ARTERY DISEASE”
Comprehensive Imaging Strategies – One stop
shop imaging by CT and CMR
- Chair:** Filippo Civaia (Monaco)
Sanjay Prasad (London, UK)
- 10:00 - 10:20** **CMR in CAD – function, viability, perfusion, late**
enhancement, MVO, hemorrhage or all
together?
Herbert Frank (Tulln, Austria)
- 10:20 - 10:40** **CT angio in CAD – Plaque and stenosis,**
function, perfusion or all together?
Antti Saraste (Turku, Finland)
- 10:40 - 11:00** **Coffee Break**
- 11:00-12:00** **Session VI:**
COST-EFFECTIVENESS OF NONINVASIVE CV
IMAGING
- Chair:* Charles Higgins (San Francisco, USA)
Koen Nieman (Rotterdam, Netherlands)
- 11:00 - 11:20** **Principles of Cost-effectiveness analysis and**
applications in CV imaging
Myriam Hunink (Rotterdam, Netherlands)
- 11:20 - 11:40** **Cost-effectiveness of cardiovascular CT**
Udo Hoffmann (Boston, USA)
- 11:40 – 12:00** **Cost-effectiveness of cardiovascular MR**
Jürg Schwitter (Lausanne, Switzerland)
- 12:00 - 13:40** **Lunch**

**13:40 – 15:00 Session VII:
CONTROVERSIES IN NONINVASIVE IMAGING**

Chair: Farouc Jaffer (Boston, USA)
Udo Sechtem (Stuttgart, Germany)

**13:40 - 14:20 CT angiography can replace conventional
coronary angiography!**

13:40 - 14:00 PRO: Udo Hoffmann (Boston, USA)
14:00 - 14:20 CONTRA: Antti Saraste (Turku, Finland)

14:20 - 15:00 CMR has replaced SPECT

14:20 - 14:40 PRO: Jürg Schwitter (Lausanne, Switzerland)
14:40 - 15:00 CONTRA: AhmedTawakol (Boston, USA)

15:00 - 15:20 Coffee Break

**15.20 - 16.40 Session VIII:
IMAGING FOR RISK STRATIFICATION – QUO
VADIS CMR AND CT?**

Chair: Charles Higgins (San Francisco, USA)
Jürg Schwitter (Lausanne, Switzerland)

15:20 - 15:40 Main Lecture: **Traditional risk assessment for
primary and secondary prevention.**

Farouc Jaffer (Boston, USA)

15:40 - 15:55 **CT in Primary and Secondary Prevention**

Udo Hoffmann (Boston, USA)

15:55 - 16:10 **CMR in Primary and Secondary Prevention**

Sanjay Prasad (London, UK)

- 16:10 - 16:40 Panel:
Charles Higgins (San Francisco, USA)
Jürg Schwitter (Lausanne, Switzerland)
Farouc Jaffer (Boston, USA)
Udo Hoffmann (Boston, USA)
Sanjay Prasad (London, UK)
- 16:40 – 17:40 Session: IX:
CMR AND CT IN ELECTROPHYSIOLOGY**
- Chair:* Farouc Jaffer (Boston, USA)
Filippo Civaia (Monaco)
- 16:40 - 17:00 **How to perform MR imaging in pacemaker patients**
Peter Buser (Basel, Switzerland)
- 17:00-17:20 **What does the electrophysiologist need from imaging – Can imaging help in the selection of patients for ICD and CRT**
Udo Sechtem (Stuttgart, Germany)
- 17:20-17:40 **Applications of CT in EP**
Quynh Truong (Boston, USA)
- 17:40–18:00 Session X:
INDUSTRY FORUM – MR**
- Chair:* Charles Higgins (San Francisco, USA)
Sanjay Prasad (London, UK)

Siemens

**18:00 - 19:00 Session XI:
CT/MR FOR OTHER CARDIAC DISEASES**

Chair: Udo Sechtem (Basel, Switzerland)
Herbert Frank (Tulln, Austria)

18:00 - 18:20 **Delayed Gd-Enhancement nonischemic
myocardial disease**
Charles Higgins (Boston, USA)

18:20 - 18:40 **Congenital Heart Disease**
Filippo Civaia (Monaco)

19:30 Social Event

Sunday, April 10th, 2011

09:00 - 09:30 POSTER PRIZE

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

Short Presentation of the awarded posters by the authors

**09.30 - 10.30 Session XII:
THE MYOCARDIAL BURDEN: what the
interventional cardiologist should learn from
noninvasive imaging techniques**

Chair: Farouc Jaffer (Boston, USA)
Jürg Schwitter (Lausanne, Switzerland)

09:30 - 09:50 **Preinterventional assessment in coronary artery
disease**
Udo Sechtem (Stuttgart, Germany)

- 09:50 - 10:10 **Planning complex interventions: From CTO to TAVI**
Sanjay Prasad (London, UK)
- 10:10 - 10:30 Panel:
Farouc Jaffer (Boston, USA)
Jürg Schwitter (Lausanne, Switzerland)
Udo Sechtem (Stuttgart, Germany)
Sanjay Prasad (London, UK)
- 10:30 - 10:50 **Coffee Break**
- 10:50 - 11:10 **Session XIII:
INDUSTRY FORUM – CT**

Chair: Koen Nieman (Rotterdam, Netherlands)
Udo Hoffmann (Boston, USA)
- 10:50 - 11:10 **Siemens**
- 11:10 – 12.00 **Session XIV:
CLINICAL CASE PRESENTATIONS II**

Chair: Filippo Civaia (Monaco)
Udo Hoffmann (Boston, USA)
- 11:10 – 11:35 **MR Case Presentation**
- 11:10 – 11:19 Farouc Jaffer (Boston, USA)
11:19 – 11:28 Charles Higgins (San Francisco, USA)
11:28 – 11:37 Udo Sechtem (Stuttgart, Germany)

11:37 – 12:00 CT Case Presentation

11:37 – 11:46 Koen Nieman (Rotterdam, Netherlands)

11:46 – 11:55 Saraste (Turku, Finland)

11:55 – 12:04 Quynh Truong (Boston, USA)

**12.05-12:35 Session XV:
MY TOP TEN INDICATIONS**

Chair: Quynh Truong (Boston, USA)
Herbert Frank (Austria, AT)

12:05-12:20 **CT - Top Ten Clinical Indications**
Koen Nieman (Rotterdam, Netherlands)

12:20-12:35 **MRI - Top Ten Clinical Indications**
Jürg Schwitter (Lausanne, Switzerland)

12.30 Adjourn
Udo Hoffmann (Boston, USA)