

**(Sunday) June 22, 2014**  
**-Day 1-**

- 16:00 - 16:10** Opening remarks: Board of directors (Prof. Serruys, Prof. Stone, Prof. van der Steen, Prof. Koenig, Prof. Lerman, Dr. García-García and Dr. van Es)
- 16:10 - 16:15** Welcome remarks: Guest director (Prof. Dorian Haskard)
- 16:15 - 18:30** Key note lectures: Dorian Haskard and Patrick W. Serruys
- 16:15 - 16:30 Mega-trials (tbd)  
**Sir Rory Collins (UK)**
- 16:30- 16:35 Q&A
- 16:35 - 16:50 MRI for coronary plaque characterization, is it ever going to be part of the standard clinical practice?  
**Dudley Pennell (UK)**
- 16:50- 16:55 Q&A
- 16:55 - 17:10 ApoA-I Milano administration induces plaque regression and stabilisation in the long term  
**Juan Badimon (USA)**
- 17:10- 17:15 Q&A
- 17:15 - 17:30 Large multicentre trials on vulnerable patient populations - from ASCOT to the new PCSK9 trials  
**Peter Sever (UK)**
- 17:30- 17:35 Q&A
- 17:35 - 17:50 What is the standard of care for vulnerable patients today?  
**Valentin Fuster (USA)**
- 17:50- 17:55 Q&A
- 17:55 - 18:10 The role of efferocytosis and apoptosis in Vulnerable Plaque  
**Ira Tabas (USA)**
- 18:10- 18:15 Q&A
- 18:15 - 18:45 Discussion

**(Monday) June 23, 2014**  
**-Day 2-**

- 08:00 - 08:15** Master lecture: primary prevention of atherothrombotic events in the asymptomatic population  
**Valentin Fuster (USA)**
- 08:15 - 08:30 Discussion
- 08:30 - 10:00** Early detection of Subclinical Atherosclerosis Initiatives (Part I)
- 08:30 - 08:40 Screening for Heart Attack Prevention and Education (SHAPE)  
**Erling Falk (DN)**
- 08:40 - 08:42 Q&A
- 08:42 - 08:52 HAPPY Global Foundation  
**Leo Hofstra (NL)**
- 08:52 - 08:54 Q&A
- 08:54 - 09:04 The Program SII intervention for enhancing a healthy lifestyle in preschoolers and PESA study  
**Valentin Fuster (USA)**
- 09:04 - 09:06 Q&A
- 09:06 - 09:16 Polypill Therapy, Subclinical Atherosclerosis, and Cardiovascular Events – Implications for the Use of Preventive Pharmacotherapy (MESA study)  
**Márcio Sommer Bittencourt (USA)**
- 09:16 - 09:18 Q&A
- 09:18 - 09:28 CT PROSPECT  
**Udo Hoffmann (USA)**
- 09:28 - 09:30 Q&A
- 09:30 - 10:00 Discussion
- 10:00 - 10:50** Coffee break
- 10:50 - 12:15** Early detection of Subclinical Atherosclerosis Initiatives (Part II)
- 10:50 - 11:00 Ethical, economical and social considerations about risk profiling  
**Ken Redekop (NL)**
- 11:00 - 11:02 Q&A
- 11:02 - 11:12 Point of view of ESC  
**Alan G. Fraser (UK)**
- 11:12 - 11:15 Q&A
- 11:15 - 11:25 Increasing subject awareness in primary prevention: models and implementation  
**Coen v Kalken (NL)**
- 11:25 - 11:27 Q&A
- 11:27 - 11:37 Remote cardiac telemetry and cardiac remote monitoring  
**Amir Lerman (USA)**
- 11:37 - 11:39 Q&A
- 11:39 - 12:15 Discussion

**(Monday) June 23, 2014**  
**-Day 2-**

**12:15 - 14:20 Lunch break**

**14:20 - 16:30 New pathophysiological concepts of coronary atherosclerosis**

14:20 - 14:30 Cap buckling as a potential mechanism of atherosclerotic plaque vulnerability  
**Philippe L. L'Allier (CAN)**

14:30 - 14:32 Q&A

14:32 - 14:42 Defect in plaque collagen metabolism contributes to the depletion of collagen  
**Andrew Newby (UK)**

14:42 - 14:44 Q&A

14:44 - 14:54 Coronary intraplaque hemorrhage evokes a novel atheroprotective macrophage phenotype  
**Joe Boyle (UK)**

14:54 - 14:56 Q&A

14:56 - 15:06 Lipid-lowering therapy with statins reduces microparticle shedding from endothelium, platelets and inflammatory cells  
**Lina Badimon (SPA)**

15:06 - 15:08 Q&A

15:08 - 15:18 Antisense technology and MTTP Inhibitors  
**Eric Stroes (NL)**

15:18 - 15:20 Q&A

15:20 - 15:30 The mitochondria as a therapeutic target in ischemia  
**Lilach Lerman (USA)**

15:30 - 15:32 Q&A

15:32 - 15:42 Experimental models for the investigation of high-density lipoprotein-mediated cholesterol efflux  
**Juan Badimon (USA)**

15:42 - 15:44 Q&A

15:44 - 15:54 Gene expression on endothelial cells – implications for refurbishing the endothelial lining  
**Richard Rapoza (USA)**

15:54 - 15:56 Q&A

15:56 - 16:30 Discussion

**16:30 - 17:10 Coffee break**

**17:10 - 19:00 Invasive imaging update (PART I)**

17:10 - 17:30 OCT for plaque characterization: beyond fibrous cap detection

17:10 - 17:20 Clinical perspective: **Carlo di Mario (UK)**

17:20 - 17:30 Pathological perspective: **Farouc Jaffer (USA)**

17:30 - 17:34 Q&A

17:34 - 17:44 High speed OCT

17:34 - 17:44 Clinical perspective: **Evelyn Regar (NL)**

17:44 - 17:54 Bioengineer perspective: **Gijs van Soest (NL)**

17:54 - 17:58 Q&A

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-Day 2-

17:58 - 18:08	Photoacoustics <b>Ton van der Steen (NL)</b>
18:08 - 18:10	Q&A
18:10 - 18:20	Is the LCBI a predictor of events? <b>David Erlinge (SE)</b>
18:20 - 18:22	Q&A
18:22 - 19:00	Discussion

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**(Tuesday) June 24, 2014**  
**-Day 3-**

- 08:00 - 08:15** Master lectures: Humoral immunity in atherosclerosis - from mechanisms to biomarkers  
**Dorian Haskard (UK)**
- 08:15 - 08:30 Discussion
- 08:30 - 09:40** Molecular imaging of vulnerable plaque
- 08:30 - 08:40 Anti-OX LDL imaging  
**Ramzi Khamis (UK)**
- 08:40 - 08:42 Q&A
- 08:42 - 08:52 Gold nanocrystal labelling allows low-density lipoprotein imaging from the subcellular to macroscopic level  
**Valentin Fuster (Mount Sinai School of Medicine in New York, USA)**
- 08:52 - 08:54 Q&A
- 08:54 - 09:04 NIRF imaging  
**Farouc Jaffer (Mass General, USA)**
- 09:04 - 09:06 Q&A
- 09:06 - 09:16 Identifying active microcalcification by PET  
**David Newby (Edinburgh, Scotland)**
- 09:16 - 09:18 Q&A
- 09:18 - 09:40 Discussion
- 09:40 - 10:20** Coffee break
- 10:20 - 12:00** Invasive imaging update (PART II)
- 10:20 - 10:30 PROSPECT, VIVA and ATHEROREMO IVUS: Rick Kuntz' maths revisited  
**Hector Garcia/Patrick W. Serruys (NL)**
- 10:30 - 10:32 Q&A
- 10:32 - 10:42 A good old friend: IVUS greyscale revisited  
**Akiko Maehara (USA)**
- 10:12 - 10:44 Q&A
- 10:44 - 10:54 IBIS 3 final results including biomarkers  
**Patrick W. Serruys (NL)**
- 10:54 - 10:56 Q&A
- 11:18 - 11:28 NIRS trials  
**Jim Goldstein (USA)**
- 11:28 - 11:30 Q&A
- 11:30 - 12:00 Discussion
- 12:00 - 12:30** Invasive and non-invasive imaging - Sceptic roundtable  
**Moderator: Gregg Stone (USA)**  
**Gregg Stone/Patrick W. Serruys/Jim Muller/Carlo diMario/Ton van der Steen/Akiko Maehara/Hector García-García**  
what the panel believes and doesn't believe.

**(Tuesday) June 24, 2014**  
**-Day 3-**

**12:30 - 14:30 Lunch break**

**14:30 - 15:30 Experiment Models of Atherosclerosis- Is there ever going to be a model for vulnerable plaque?**

14:30 - 14:40 Cloned minipigs created by DNA transposition of a human PCSK9 gain-of-function mutant

**Erling Falk (DN)**

14:40 - 14:42 Q&A

14:42 - 14:52 Porcine models of accelerated coronary atherosclerosis

**Robert Wilensky (USA)**

14:52 - 14:54 Q&A

14:54 - 15:30 Discussion

**15:30 - 16:30 Unmet primary endpoint atherosclerosis trials**

15:30 - 15:40 From IBIS-2 to Stability

**Liz Tarka (USA)/ Patrick W. Serruys (NL)**

15:40 - 15:42 Q&A

15:42 - 15:52 CHI-SQUARE & ASSURE studies

**Philippe L. L'Allier (CAN)**

15:52 - 15:54 Q&A

15:54 - 16:04 Why they did not meet the primary endpoint?

**Wolfgang Koenig (GER)**

16:04 - 16:06 Q&A

16:06 - 16:30 Discussion

**16:30 - 17:00 Coffee break**

**17:00 - 18:00 New directions on the treatment of atherosclerosis**

17:00 - 17:10 Diabetic and obese are a particular type of vulnerable patients

**Lina Badimon (SPA)**

17:10 - 17:12 Q&A

17:12 - 17:22 ATHEROREMO Study final results

**Patrick W. Serruys (NL)**

17:22 - 17:24 Q&A

17:24 - 17:34 Apo-I Milano

**David Kallend (CH)**

17:34 - 17:36 Q&A

17:36 - 17:46 The CANTOS Study (IL-1  $\beta$  AB)

**Wolfgang Koenig (GER)**

17:46 - 17:48 Q&A

17:48 - 17:58 MODIFY trial

**Philippe L. L'Allier (CAN)**

17:58 - 18:00 Q&A

18:00 - 18:10 CANARY trial

**Gregg Stone (USA)**

18:10 - 18:12 Q&A

(Tuesday) June 24, 2014  
-Day 3-

- 18:12 - 18:22 PROSPECT II: Imaging & Intervention  
**Gregg Stone (USA)**
- 18:22 - 18:24 Q&A
- 18:24 - 18:34 Refurbishing the endoluminal surface of the coronaries: my DREAMS® have  
always come true **Patrick W. Serruys (NL)**
- 18:34 - 18:36 Q&A
- 18:36 - 18:46 Predicting PROSPECT II results  
**John Ambrose**
- 18:46 - 19:15 Discussion
- 19:15 - 19:30 Closing remarks: Patrick W. Serruys, Amir Lerman, Wolfgang Koenig and Gregg  
Stone, Gerrit-Anne van Es, Ton van der Steen and Hector García-García