

## Day 1 – Tuesday, June 14, 2016

13:00-14:00 Registration  
Welcome

14.00-15.15

### Oral session 1: Hemodynamics modelling (10 min talk, 5 min discussion)

Jazmin Aguado Sierra Computational Fluid Dynamics of the Idealised and Anatomically Detailed Human Left Ventricle

Maarten Heusinkveld Towards Noninvasive Cardiac Catheterization

Simone Rivolo Left Ventricular-Coronary Coupling and Coronary Wave Intensity Analysis

Marie Willemet A Database of Virtual Subjects: a New Method to Assess Hemodynamics-based Diagnostic Tools When Clinical Data is Unavailable

Leif Rune Hellevik Uncertainty Quantification and Sensitivity Analysis for Arterial Hemodynamics

15:15-15:45

*Break*

15:45-16:45 **Michael O'Rourke** History of hemodynamics lecture 1

16:45-17:15 Phil Chowienczyk *Title to be announced*

17:15-19:00

**Poster session**

## Day 2 – Wednesday, June 15, 2016

### Oral session 2: Hemodynamic and physiological measurements (10 min talk, 5 min discussion)

09.00-10:00	Steve Greenwald	Non-contact Measurement of Carotid Artery Wall Movement for Diagnosis of Vascular Disease
	John Allen	Bilateral Symmetry in Photoplethysmography Pulse Transit Time Characteristics in Healthy Children
	Frédéric Van Den Eynden	Comparison of Pulmonary Vascular Compliance Measurement in Continuous Flow and Pulsatile Flow Yield Different Results.
	Ashraf Khir	<i>Title to be announced</i>

10:00-10:30

*break*

10:30-11:30 **Nico Westerhof** History of hemodynamics lecture 2

11:30-12:00 Jonathan Mynard Wave Potential: a Simple Idea with Powerful Implications for Arterial Wave Separation Analysis and Interpretation of Haemodynamics

12:00-13:00

*lunch*

13:00-14:00 **Kim Parker** History of hemodynamics lecture 3

14:00-14:15

*break*

14.15-15:15 **Oral session 3: The reservoir-wave: how to interpret clinical data (10 min talk, 5 min discussion)**

Chen-Huan Chen Excess Pressure Integral Predicts all-cause mortality in Patients with End-stage Renal Disease

Bernhard Hametner Age- and Gender-Related Variations in Reservoir and Excess Pressure Depend on Arterial Site

James Sharman Arterial Reservoir Characteristics and Blood Pressure from the Central Aorta to the Peripheral Large Arteries

Justin Davies *Title to be announced*

15.15-16:00

**Roundtable, wrap up and conclusions**