



Biomechanics in Vascular Biology and Cardiovascular Disease

Thursday, April 21st

8.00 – 8.50 Registration, coffee, Poster set-up

8.50 – 9.00 Opening

9.00 – 9.30 NHS Lecture Prof. Paul C. Evans, University of Sheffield, UK

9.30 – 10.40 Session **Mechanotransduction I**

9.30 – 9.50 Dr. Stephan Huveneers, Amsterdam UMC, the Netherlands

9.50 – 10.10 Prof. Reinier A. Boon, University of Frankfurt, Germany

10.10 – 10.25 Rita S. Simões-Faria, KU Leuven, Belgium

10.25 – 10.40 Rhys Smith, Manchester Metropolitan University, UK

10.40 – 11.10 coffee break

11.10 – 12.40 Session **Fluid Mechanics and Pathology**

11.10 – 11.30 Dr. Petter Dyverfeldt, Linköping University, Sweden

11.30 – 11.50 Prof. Irene E. Vignon-Clementel, Inria, France

11.50 – 12.10 Dr. Maurizio Lodi Rizzini, Politecnico di Torino, Italy

12.10 – 12.25 Anna Corti, Politecnico di Milano, Italy

12.25 – 12.40 Dr. Raymond Padmos, University of Amsterdam, the Netherlands

12.40 – 13.40 Lunch

13.40 – 14.50 Session **Thrombus Mechanics**

13.40 – 14.00 Prof. Simon F. de Meyer, KU Leuven, Belgium

14.00 – 14.20 Dr. Rachel Cahalane, Erasmus MC, the Netherlands

14.20 – 14.35 Dr. Giulia Luraghi, Politecnico di Milano, Italy

14.35 – 14.50 Dr. Mohammad Rezaeimoghaddam, Eindhoven University of Technology,
the Netherlands

14.50 – 15.35 coffee break

15.35 – 16.55 Session **Novel Techniques and Applications**

15.35 – 15.55 Dr. Jelmer M. Wolterink, University of Twente, the Netherlands

15.55 – 16.10 Prof. Abdul I. Barakat, École Polytechnique, France

16.10 – 16.25 Prof. Stephanie Lehoux, McGill University, Canada

16.25 – 16.40 Amber Hendricks, KU Leuven, Belgium

16.40 – 16.55 Dr. Eoghan M. Cunnane, Royal College of Surgeons in Ireland, Ireland

16.55 – 18.30 POSTERS



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Friday, April 22nd

8.00 – 9.00 Coffee break

9.00 – 9.30	Keynote	Dr. Michiel Schaap, Heartflow, Inc
9.30 – 10.50	Session	Wall Mechanics and Pathology
9.30 – 9.50		Dr. Behrooz Fereidoonzehad, Nat. University of Ireland, Ireland
9.50 – 10.05		Prof. Leonid Goubergrits, Charité-Universitätsmedizin Berlin, Germany
10.05 – 10.20		Su Guvenir Torun, Erasmus MC, the Netherlands
10.20 – 10.35		Dr. Sophie Z. Gu, University of Cambridge, UK
10.35 – 10.55		Dr. Selene Pirola, Imperial college London, UK

10.55 – 11.30 coffee break

11.30– 12.45	Session	Human Disease Models
11.30 – 11.50		Dr. Tamar Wissing, Erasmus MC, the Netherlands
11.50 – 12.10		Prof. Gijssje H. Koenderink, Delft University of Technology, the Netherlands
12.10 – 12.30		Dr. Natalija Bogunovic, Amsterdam UMC, the Netherlands
12.30 – 12.45		Dr. Ignasi Jorba, Eindhoven University of Technology, the Netherlands

12.45 – 13.45 Lunch

13.45 – 14.15	Keynote	Prof. Jonathan T. Butcher, Cornell University, Ithaca, USA
14.15 – 15.40	Session	Mechanotransduction II
14.15 – 14.35		Prof. David J. Beech, University of Leeds, UK
14.35 – 14.55		Prof. Tzung K Hsiai, UCLA, Los Angeles, USA
14.55 – 15.10		Rajnayan Sewduth, KU Leuven, Belgium
15.10 – 15.25		Areej Alahmadi, University of Sheffield, UK
15.25 – 15.40		Siyu Tian, Erasmus MC, the Netherlands

15.40 – 15.45 Closing

15.45 – 16.10 Drinks and awards