

Day 3

Friday 12 June

Morning Session-1 Chair: Prof. Nicholas Hill

09:00:00	09:40:00	Prof. Davide Ambrosi	<i>Active cardiac mechanics</i>
09:40:00	10:00:00	Dr. Sergei Pravdin	<i>Simulation of the cardiac left ventricle electromechanical activity based on a computational analytical anatomical model</i>
10:00:00	10:20:00	Dr. Wenguang Li	<i>A damage model for human and animal skins</i>
10:20:00	10:50:00	Coffee break	Common Room (near the main entrance of the maths building)

Morning Session-2 Chair: Prof. Jay Humphrey

10:50:00	11:30:00	Prof. Raymond Ogden	<i>A Model of Collagen Fibre Dispersion in Arterial Walls Accounting for Recent Data Highlighting Non-Symmetry of the Dispersion</i>
11:30:00	12:30:00	Invited Speakers	<i>Research trends and issues in soft tissue mechanics</i>

Workshop closing

12:30:00	12:30:00	Workshop closing - Prof. Xiaoyu Luo	
12:30:00	13:30:00	Lunch	Queen Margaret Union, 22 University Gardens
13:30:00		Social Event	

Poster Session Program

15:20--17:30, Wednesday 10 June 2015, Queen Margaret Union, 22 University Gardens

P1	Dr. Annemie Van Hirtur	<i>Conformal mapping for harmonic wave propagation through a stadium-shaped elastic tube</i>
P2	Ms. Francesca Donadoni	
P3	Dr. Sean McGinty	
P4	Dr. Michael Hill	<i>Growth and Remodeling of Airways During Asthma</i>
P5	Dr. Paul Watton	
P6	Mr. Raj Kampa	<i>A novel microfluidic perfusion bioreactor system for vascular tissue engineering: in vitro and in silico modelling</i>
P7	Dr. Cecile M. Perrault	
P8	Mr. Nikhil Pareek	<i>Biaxial mechanics and failure properties of human thoracic aortic dissections</i>
P9	Miss. Christobel Gondwa	<i>The effect of fibre orientation on the mechanical behaviour of skeletal muscle – A finite element study</i>
P10	Mr. Faizan Ahmad	<i>Biaxial and shear properties of immature porcine heart tissue</i>
P11	Simula (Abaqus)	<i>The Living Heart Project</i>