Day 2

Thursday 11 June

Morning Session-1 Chair: Prof. Andreas Menzel

09:00:00	09:40:00	Prof. Gerhard Holzapfel	*Multiscale modeling of arterial walls considering collagen fiber dispersion and recruitment*
09:40:00	10:20:00	Prof Colin Berry	*Cardiac MRI*
10:20:00	10:50:00	Coffee break	Common Room (near the main entrance of the maths building)

Morning Session-2 Chair: Prof. Davide Ambrosi

10:50:00	11:10:00	Dr. William Parnell	*Micromechanical Models For The Nonlinear Viscoelastic Response Of Tendon Fascicles*
11:10:00	11:30:00	Dr. Tom Shearer	*A new strain energy function for the hyperelasitc modelling of ligaments and tendons based on fascicle microstructure*
11:30:00	11:50:00	Dr. Grand Joldes	*Abdominal aortic aneurysm*
11:50:00	12:10:00	Dr. Namrata Gundiah	*Biaxial mechanics and failure properties of human thoracic aortic dissections*
12:10:00	12:30:00	Mr. Artur L Gower	*Initial stress symmetry*
12:10:00	13:10:00	Lunch	Queen Margaret Union, 22 University Gardens

Afternoon Session-1 Chair: Prof. Martine Ben Amar

13:10:00	13:50:00	Prof. A. Menzel	*Gradient-enchanced damage modelling of soft biological tissues*
13:50:00	14:10:00	Dr. Lukasz Kaczmarczyk	*Modelling of fracture in materials subjected to large strains*
14:10:00	14:30:00	Dr. Agraval Umiya	*Iris buckling in floppy iris syndrome*
14:30:00	14:50:00	Mr. Lei Wang	*Modelling of artery dissection*
14:50:00	15:20:00	Coffee break	Common Room (near the main entrance of the maths building)

Afternoon Session-2 Chair: Prof. Konstantinos Soldatos

15:20:00	15:40:00	Prof. Nicholas Hill	*A coupled human left ventricle and systemic arteries model*
15:40:00	16:00:00	Dr. Peter Stewart	*Fluid-structure interaction in the retinal circulation*
16:00:00	16:20:00	Mr. Kasra Shaikhrezai	*Aortic coarctation: a computational analysis*
16:20:00	16:40:00	Miss Nan Qi	*investigation of the optimal collagen fibre orientation in human iliac arteries*
16:40:00	17:00:00	Dr. Hao Gao	*Image-derived human left ventricular modelling with fluid-structure interaction*
19:00:00	22:00:00	Workshop Dinner	*Hilton Grosvenor - Botanic Suite, 1-9 Grosvenor Terrace, Glasgow G12 0TA*