



MultiSim Modelathon

EPSRC Frontier Engineering
in Multiscale Simulations

An event by EPSRC Frontier Engineering Award

AGENDA Day 1

Monday, 17 September 2018, The Diamond, 32 Leavygreave Road, Sheffield S3 7RD

Event Programme 17 September 2018		
Workroom 3, Level 2, The Diamond (all day)		
10:00	Registration and Refreshments	
10:30	Welcome	Dr Claudia Mazza'
10:40	Multiscale modelling for musculoskeletal applications	Enrico Dall'Ara
11:20	The role of patient-specific models in the design and de-risking of joint replacements	Professor Marco Viceconti Executive Director Insigneo Institute
12:00	Lunch	
13:00	Development of a new combined computational – experimental model of osteoarthritis	Professor Anthony Bull Head, Department of Bioengineering Imperial College London
13:40	Challenges of total hip replacement and regenerative medicine approaches to the hip and the head	Professor Edward Draper and Dr Mark Burgess (JRI)
14:20	Round-table discussion: Evaluation and development of new treatments for osteoarthritic joints by combining computational modelling and experimental methods.	
15:00	Refreshments	
15:30	Flash presentations	Participants will give a 3 minute summary of their research
17:30	End of day 1	
18:30	Evening barbecue and drinks at the University Arms (Day 1-4 competition participants only)	