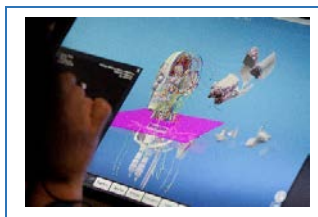
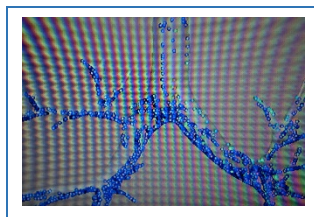


# Insigneo Showcase 2017 Programme

Octagon Centre, Sheffield, Thursday 11<sup>th</sup> May

Focus for 2017: I Can't Keep Calm; I am Five!



**09:00** Arrival, registration and refreshments  
An opportunity to network, to browse the poster presentations, and to visit the Industrial Village showcasing commercial *in silico* activities and interactive demonstrations

**09:20** Welcome  
Prof Marco Viceconti, Executive Director, Insigneo Institute, University of Sheffield

**09:30** *In silico* Science  
Introduced by: Prof Damien Lacroix

- [Prof Paul Evans](#) Effects of shear stress on vascular repair
- [Dr Paul Watton](#) *In silico* modelling of soft-tissue mechanobiology: application to arterial and bladder disease
- [Dr Maya Boudiffa](#) Novel computational approach for the non-invasive quantification of early spatio-temporal changes in mouse bones following PTH treatment
- [Dr Bernard Corfe](#) Reduced keratin expression in colorectal neoplasia and associated fields is reversible by diet and resection

**10:30 – 11:00** Coffee break Enjoy a break and network

**11:00 – 11:30** Exhibition Visit the Industrial Village and browse the poster presentations

**11:30** *In silico* Technologies  
Introduced by: Dr Andrew Narracott

- [Prof Richard Clayton](#) Uncertainty quantification for *in silico* technologies: insights from models of cardiac electrophysiology
- [Dr John Fenner](#) Medical applications of VR: development and initial impressions
- [Dr Daniele Tartarini](#) Computational methods for multiscale computational oncology
- [Prof Jim Wild](#) Proton MRI with hyperpolarised gas

**12:30 – 13:30** Lunch Enjoy a break and network

**13:30 – 14:00** Exhibition Visit the Industrial Village and browse the poster presentations

**14:00** *In silico* Medicine: Predictive Medicine  
Introduced by: Dr Paul Morris

- [Dr Nigel Hoggard](#) The role of gadolinium in brain MRI
- [Dr Muhammad Qasim](#) Patient-specific finite element models for osteoporotic hip fracture risk assessment
- [Dr Claudia Mazzà](#) A new assessment tool for Parkinson's Disease
- [Prof Pat Lawford](#) Modelling of diseased heart valves

**15:00 – 15:30** Coffee break Enjoy a break, visit the Industrial Village and browse the poster presentations

**15:30** *In silico* Medicine for Industrial Exploitation  
Introduced by: Dr Gwen Reilly

- [Prof Marco Viceconti](#) *In silico* augmented clinical trials: Insigneo integrated infrastructure
- [Dr Steven Wood](#) AllSafe: a new model for the secure sharing of sensitive clinical data
- [Prof Paul Griffiths](#) Firefly: High field MR for the neonatal intensive care unit
- [Prof Chris McDermott](#) Assessment of the Sheffield Support Snood

**16:30** Closing remarks and poster prize presentation  
Prof Damien Lacroix, Director of Research, Insigneo Institute, University of Sheffield

**16:35 – 17:30** Drinks reception