

Monday 18th January

- 1.50pm Meeting opening
- 2.00pm **Charles Schroeder:** *“Automated Flow Control for Colloidal and Molecular Rheology”*
- 2.40pm **Anders Aufderhorst-Roberts:** *“Illuminating Folded Protein Hydrogel Mechanics through Photo Rheology”*
- 3.10pm **Richard Graham:** *“Multiscale modelling of flow- induced crystallisation in polymers”*
- 3.40pm Break/Networking
- 4.10pm Flash presentations: -
Stephen Wilson: *“Thixotropic Pumping”*
Daniel McDowall: *“The influence of nanostructure alignment on the Young’s moduli of macroscopic low molecular weight gel filaments”*
Lisa Thomson: *“Creating Transient Gradients in Supramolecular Hydrogels”*
Joseph Cousins: *“Multiplicity of solutions and wetting transitions for nematic liquid crystal ridges”*
Richard Hodgkinson: *“Extension rate uniformity improved by new converging channel profile via simple geometrical construct”*
- 5.00pm Break/Networking
- 5.30pm **Gerry Fuller:** *“The Live Cell Rheometer – Rheological Insights in Human Health”*
- 6.10pm **Vivek Sharma:** *“Stretched Polymer Physics, Extensional Rheology and Free Surface Flows”*
- 6.40pm **Rubens Rosario Fernandes:** *“Use of a blade scraping device to estimate the yield stress of viscoplastic soil layers”*
- 7.10pm Networking
- 8.00pm Close

Tuesday 19th January

- 10.00am **Mónica Oliveira:** *“Characterisation of complex fluids and bioparticles using microfluidic platforms”*
- 10.40am **Job Thijsen:** *“A novel method for interfacial rheology using an indirect interfacial rheometer”*
- 11.10pm **David Hoyle:** *“Simulated mechanical ageing of high voltage offshore windfarm power cables”*
- 11.30am Break/Networking

- 12.30pm **Gareth Mckinley:** *“Application of Gabor Transforms For Time-Resolved Oscillatory Rheometry”*
- 1.10pm **Manlio Tassieri:** *“i-Rheo and its impact on rheology and beyond”*
- 1.30pm **David Michieletto:** *“Microrheology Topologically Active Living Polymers Flows”*
- 2.00pm Break/Networking
- 3.00pm **Vernon Harrison Award Lecture - Hugo Castillo Sanchez:** *“Channel flow instabilities of complex fluids”*
- 3.40pm **Annual Award Lecture - Daniel Read:** *“Predicting linear rheology of polydisperse linear polymers”*
- 4.20pm **Gold Medal Lecture - John Hinch:** *“The much neglected 2nd normal stress difference”*