Imperial College London

Summer School 2016

ic fluids EPSRC Centre for Doctoral Training

Interscale interactions in fluid mechanics and beyond

This Summer School is an attempt at cross-fertilisation and will include a number of topics where dynamics at disparate scales and their interactions are involved: moving contact lines, derivation of hydrodynamic from kinetic theory equations, large-eddy simulations of turbulent flows, order-disorder transitions in incompressible active fluids, and collective dynamics of large numbers of motile organisms, from bacteria to birds.

11 – 15 July 2016, Imperial College London

Speakers:

- S.H. Davis (Northwestern University)
- P.A.A. Degond (Imperial College London)
- A.N. Gorban (University of Leicester)
- E. Lamballais (University of Poitiers)
- U. Piomelli (Queen's University)
- J. Toner (University of Oregon)

ICL Organising Committee:

- M. Blunt (Earth Science & Engineering)
- W.P. Jones (Mechanical Engineering)
- S. Kalliadasis (Chemical Engineering)
- C.F. Lee (Bioengineering)
- O.K. Matar (Chemical Engineering)
- G.A. Pavliotis (Mathematics)
- M. van Reeuwijk (Civil Engineering)
- J.C. Vassilicos (Aeronautics)

Limited places: free registration at fluids@imperial.ac.uk