

Seminar name: Applied Maths Seminar

Year: 2018/19

Semester 1

Date	Time/place	Speaker	Title
3 rd October 2018	14:00-15:00/SCH.0.01 Schofield Building	Dr Marco Polin, Warwick University	Universal entrainment dominates the interaction of flagellated microorganisms with micron-sized objects.
18 th October 2018	15:00-16:00/SCH.0.01 Schofield Building	Dr David Sibley, Loughborough University	Nanoscale bubbles and drops, and coupled dynamics of solid-liquid-vapour systems with mass transfer
7 th November 2018	15:00-16:00/SCH.0.01 Schofield Building	Professor Emilian Parau, University of East Anglia	Linear stability of capillary waves in fluid sheets
13 th November 2018	14:00-15:00/SCH.1.05 Schofield Building	Dr Iain Moyles (University of Limerick, Ireland)	Asymptotic reduction of a porous electrode model for lithium-ion batteries
22 nd November 2018	13:00-14:00/SCH.0.01 Schofield Building	Dr Kristoffer van der Zee (University of Nottingham)	
28 th November 2018	14:00-15:00/SCH.1.05 Schofield Building	Dr Daniel Loghin (University of Birmingham)	Fast iterative solvers for PDE with random coefficients
5 th December 2018	14:00-15:00/SCH.0.01 Schofield Building	Professor Tomas Bridges (University of Surrey)	
13 th December 2018	14:00-15:00/CC.1.09 James France Building	Dr Benoit Huard (Northumbria University)	Perturbation of periodic solutions in nonlinear dynamical systems with multiple delays with application to glucose-insulin regulation

Semester 2

Date	Time/place	Speaker	Title
9 th January 2019	14.00-15.00/SCH.0.01 Schofield Building	Dr. Lennon O’Naraigh (UCD, Ireland)	Travelling-wave spatially periodic forcing of asymmetric binary mixtures
16 th January 2019	14.00-15.00/SCH.0.01 Schofield Building	Professor Tapio Ala- Nissila, Mathematical Sciences, Loughborough University	Multiscale Modeling of 2D Materials with the Phase-Field Crystal Model*
20 th February 2019	14.00-15.00/SCH.0.05 Schofield Building	Susana Gomes (University of Warwick)	Feedback control of falling liquid films
28 th February 2019	15.00-16.00/U020 Brockington Extension	Chris Howls (University of Southampton)	Complex rays, cones of silence and catastrophes, or when to turn an asymptotic blind eye
6 th March 2019	14.00-15.00/SCH105, Schofield Building	Dmitri Vainchtein (Nyheim Plasma Institute, Drexel University, USA)	Life non- adiabatic:transport and mixing in Stokes flows
3 rd April 2019	14.00-15.00/SCH013, Schofield Building	Mark Holland (Exeter)	On the statistics of extremes for dynamical systems
1 st May 2019	14.00-15.00/SCH013, Schofield Building	James Knowles (Loughborough)	
8 th May 2019	14.00-15.00/SCH013, Schofield Building	Robert Wilby (Loughborough, Geography)	Resilience concepts and river basin management under climate change
15 th May 2019	14.00-15.00/SCH001, Schofield Building	Wolfram Just (Queen Mary University of London)	Control of pedestrian flows: Social dynamics beyond modeling
22 nd May 2019	14.00-15.00/SCH001, Schofield Building	Cathal Cummins (Edinburgh)	A separated vortex ring underlies the flight of the dandelion
5 th June 2019	14.00-15.00/SCH001, Schofield Building	Thomas Bridges (Surrey)	Whitham modulation theory on Lie groups