

Perspectives in cross-channel mathematical collaborations within the CNRS-Imperial "Abraham de Moivre" Unité Mixte Internationale (UMI)

Thu, 30 May 2019

10:00-10:40: *Welcome and coffee*

10:40-11:20: Pierre Pansu, Université Paris Sud, "An invitation to geometric group theory"

11:20-12:00: Ulrike Tillmann, University of Oxford, "New directions in Algebraic Topology"

12:00-13:45: *Lunch break*

13:45-14:25: Toby Gee, Imperial College London, "Potential modularity of genus 2 curves"

14:25-14:40: Jean-Stéphane Dherain, CNRS, "Opportunities within the UMI Abraham de Moivre"

14:40-15:00: *Coffee break*

15:00-16:30: Meeting of the Scientific Advisory Board (Room 747)

18:00-19:00: Public lecture by Kevin Buzzard, Imperial College London, "The future of mathematics?"

Please note that the public lecture will take place in the Clore Lecture Theatre, Huxley Building

Fri, 31 May 2019

09:30-10:10: Martin Hairer, Imperial College London, "Universality classes for 1+1 dimensional systems"

10:10-10:50: Anne Gégout-Petit, Université de Lorraine, "Inference for Piecewise Deterministic Markov Processes"

10:50-11:20: *Coffee break*

11:20-12:00: Sébastien Guenneau, CNRS, Institut Fresnel, Marseille, "Metamaterials for the control of wave and diffusion phenomena: Models and experiments"

12:00-14:00: *Lunch break*

14:00-14:40: Pascal Noble, Institut National des Sciences Appliquées, Toulouse, "2D versus 1D shallow water equations"

14:40-15:20: Tom Coates, Imperial College London, "Towards a Periodic Table of Shapes"

15:20-15:40: Meeting wrap-up

Room 145 Huxley Building, Department of Mathematics

Imperial College London South Kensington Campus, London SW7 2RH