

Systems out of equilibrium: Maths meets Physics

Monday 27 November 2017

Physics Network+/MIR@W/CoSyDy day

Timetable

10.15-10.55 Registration, B1.37 Zeeman, and Coffee, Maths common room

11.05-11.15 Welcome/Introduction, L4 Science Concourse

11.15-11.55 Mike Cates (Cambridge), L4, Entropy production in field theory models of active matter

12.05-12.55 Lunch, Maths common room

13.00-13.40 Michael Ghil (ENS Paris and UCLA), B3.02 Zeeman, Nonautonomous dynamics as a framework for climate change & climate variability

13.40-14.20 Martin Evans (Edinburgh), B3.02, Stochastic resetting

14.20-15.00 Rosemary Harris (Queen Mary University London), B3.02, Current fluctuations and dynamical phase transitions

15.00-15.30 Tea, Maths common room

15.30-16.10 Martin Hairer (Imperial College London), B3.02, The universality classes for 1+1 dimensional models

16.10-16.50 Christian Maes (Leuven), B3.02, Frenetic bounds on the entropy production rate

16.50-17.30 Discussion, B3.02, "What opportunities are we missing for progressing research in out of equilibrium systems on the maths/physics border?"

17.30-18.15 Drinks and nibbles, Maths common room

Contributed posters are welcome: put them up during registration/coffee (first come, first served)

Everyone: Look at the posters during coffee, lunch, tea and drinks.

R.S.MacKay, 26 Oct 2017