



Thursday 23 March 2023 – CMS Meeting Room 9

11:00	Registration and Coffee
11:25	Opening Remarks (<i>Prof Clément Mouhot</i>)
11:30 - 12:30	Prof Gui-Qiang Chen (Oxford) Cavitation and Concentration in the Solutions of the Compressible Euler Equations and Related Nonlinear Equations
12:45 - 13:15	Ryan Unger (Princeton/Cambridge) Retiring the third law of black hole thermodynamics
13:15 - 14:25	Lunch
14:30 – 15:15	Dr Yuzhe Zhu (Cambridge) Hypocoercive and hypoelliptic properties for kinetic equations in bounded domains
15:15 – 15:45	Amélie Loher (Cambridge) Global existence for Landau with small initial data
16:00 - 16:30	Refreshments
16:30 – 17:15	Dr Benjamin Fehrman (Oxford) Non-equilibrium fluctuations and parabolic-hyperbolic PDE with irregular drift
17:15 – 17:45	Andrea Clini (Oxford) Fluctuations of interacting particle systems and conservative stochastic PDE
19:00	Dinner, La Margherita, Magdelene Street



Friday 24 March 2023 – CMS Meeting Room 2

09:00 – 09:45	Dr Immanuel Ben Porat (Oxford) The graph limit: time dependent weights, singular interactions and link with the mean field limit
10:00 – 10:30	Alex Cliffe (Oxford) Two-Dimensional Riemann Problems in Gas Dynamics
10:45 - 11:15	Refreshments
11:30 – 12:30	Prof Claude Warnick (Cambridge) Effective Field Theories
12:45 – 13:00	Group Photograph
13:00 – 14:00	Lunch
14:15 – 15:00	Dr Tobias Barker (Bath) On symmetry breaking for the Navier-Stokes equations
15:00	Concluding Remarks (<i>Prof Clément Mouhot</i>)