Talks are 10 minutes, plus 2 minutes for questions and change-over.

13:00  Rory Mills  Dynamical Density Functional Theory with a Short Range Hydrodynamic Interaction
13:12  Aleksandra Plochocka  Dynamics of the Cytoskeleton
13:24  Zhou Miao  Wave propagation in a CAMP signaling model for cell aggregation – a geometric analysis
13:36  Gissell Estrada  Derivation of fractional Keller-Segel equations for super-diffusion of bacteria
13:48  Anton Martinsson  Simulated Tempering for Molecular Dynamics
14:00  Tim Simmons  Squeeze-Film Damping in Micro-Electro-Mechanical Systems
14:12  Stefano Avanzini  Asymptotic first passage times distribution in linear birth-death processes
14:24  Antonios Ververis  Computational investigation of effective phase field equations in porous media
14:36  Tim Hurst  Modelling granular media: event driven molecular dynamics and dynamical density functional theory
14:48  Prince Mensah  Singular limits of stochastic compressible flows
15:00  Tea/Coffee
15:30  Tony Ying  Bayesian Inference for Stochastic Differential Equations: An Application to Diagnose Eddy Diffusivities
15:42  Miles Savva  Internal wave propagation in the turbulent ocean
15:54  David Stark  Boundary element methods for the wave equation
16:06  Chris Higgins  Lagrangian Transport and Dispersion in the Presence of Rotation in Stochastic Sea States
16:18  William Salkeld  Large Deviation Principles for McKean Vlasov Equations under a Holder Norm
16:30  Eleni Moraki  Mathematical Modelling of Corneal Epithelium Maintenance
16:42  David Cheek  Two type branching process - large population small mutation limit
16:54  Matthias Sachs  The generalised Langevin equation, asymptotic properties and numerical discretisation
17:06  Pub!