

Helford International Soft Matter workshop 2017		
Tuesday 28th of February		
08:45-09:00 Opening remarks - Session 1 - Chair: Chris Brasnett		
09:00-09:35	Jens Eggers	A bubble stuck in a tube.
09:35-09:55	Joshua Robinson	Local free energy in hard spheres
09:55-10:15	Elena Boniolo	Separating knots in biological polymers
10:15-10:35	Ioatzin Rios de Anda	Long-lived non-equilibrium interstitial solid solutions in binary mixtures
10:35-11:15 Refreshment Break		
11:15-13:15 Session 2 - Chair: Ioatzin Rios de Anda		
11:15-11:50	Adrian Barnes	Glass formation in oxide glasses - is there anything we can learn from colloid glasses?
11:50-12:20	Aurore Loisy	Buoyancy-driven bubbly flows: ordered and free rise
12:20-12:50	James Hallet	Nano-particle resolved studies of deeply supercooled liquids
12:50-13:10	Chris Brasnett	Soaking it up: New lipid sponge phases and their applications
13:10-17:00 Lunch and discussions/activities		
17:00-17:30 Tea		
17:30-19:25 Session 3 - Chair: Jun Dong		
17:30-18:05	James Clewett	The Minimisation of Residual Mechanical Work in Granular Matter.
18:05-18:25	Andrew McCluskey	Reflectivity: From simulation to experiment.
18:25-18:55	Majid Mosayebi	How robust is the icosahedral symmetry in packings of proteins on spherical shells?
18:55-19:25	Ian Williams	Bloody rheology! Measuring interfacial viscoelasticity in mixed monolayers of lung surfactant and serum protein
19:25 Dinner		

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Wednesday 1st of March		
9:30-11:20 Session 4 - Chair: Joshua Robinson		
09:30-10:05	Bob Evans	Solvent fluctuations around solvophobic and patchy nanostructures and the accompanying solvent mediated interactions'
10:05-10:25	Nick Wood	Hard Sphere Nucleation - The Role of Five Fold Symmetry
10:25-11:00	Soichi Tatsumi	Molecular meets Colloid: liquid liquid transitions and pinning
11:00-11:20	Rattachai Pinchaipat	Shearing colloidal hard sphere glasses: structural signatures
11:20-11:50 Refreshment Break		
11:50-13:20 Session 5 - Chair: Andrew McCluskey		
11:50-12:20	James Grant	Monte Carlo on drugs: Pain-free polymorphism.
12:20-12:40	Max Meissner	Microfluidic flow focusing, new routes to colloidal emulsions
12:40-13:00	Azaima Razali	Crystallisation in colloidal gels: a particle resolved analysis.
13:00-13:20	Abraham Mauleon	Phase behaviour in active colloidal suspensions
13:20-15:00 Lunch		
15:00-17:00 Session 6 - Chair: Abraham Mauleon		
15:00-15:30	Francesco Turci	Shear-induced amorphisation and irreversibility
15:30-15:50	Jun Dong	Interdroplet force characterisation within gels and glasses of emulsions
15:50-16:25	John Russo	Extreme water at extreme conditions
16:25-17:00	Paddy Royall	The existential crisis of the mermaid
17:00 Closing Remarks		