

VISCOUS LIQUIDS AND THE GLASS TRANSITION (XVII)

Roskilde, June 10-12, 2021

Format: 20 minutes talk (max) followed by 15 minutes of discussion.

Thursday June 10 – Venue: Byens hus [Stændertorvet 1, Roskilde]

12.00: Lunch
13.00: Welcome
13.10: Ernst Rössler: *Dynamics of asymmetric binary glass formers*
13.45: Martin Tress: *Lesson from polyalcohols: a bottom-up view on density*
14.20: Break
14.40: Panagiotis Tolias: *Isomorph invariance of bridge functions*
15.15: Emy Attia: *Extreme case of density scaling: The WCA system at low temperatures*
16.00: Roskilde Cathedral. Check-in at Hotel Scandic Roskilde Park [Ved Ringen 2, Roskilde].
18.30: Dinner at Hotel Prindsen [Algade 13, Roskilde].
20.00: Paddy Royall: *Are incompatible theories of the glass transition really incompatible?*
20.35: Matthieu Wyart: *Hopping processes and local excitations in glasses*

Friday June 11 – Venue: Hotel Scandic Roskilde Park [Ved Ringen 2, Roskilde]

8.00: Breakfast
9.00: Heloisa Bordallo: *Oral vaccines: How X-rays and neutron scattering can help*
9.35: Thomas Heimburg: *Current fluctuations in membrane transitions*
10.10: Break
10.30: Kira Eliassen: *High-frequency dynamics of a glass-forming ionic liquid*
11.05: Peter Knudsen: *Partial isomorphs in a simple molten salt model*
12.00: Lunch
14.00: Solvej Knudsen: *Hydrodynamics of the Lennard-Jones system revisited*
14.35: Marcus Cicerone: *Excitations - a Rosetta stone to liquid dynamics?*
15.10: Break
15.30: Daniele Cangialosi: *Thermodynamics and vibrations of the ideal glass of polymer spheres*
16.05: Carsten Svaneborg: *Elastic properties of PDMS rubbers*
16.40: Break
17.00: Horacio Castillo: *Collective and single particle fluctuations in glassy systems*
17.35: Giulio Monaco: *Evidence of mosaic structure in supercooled molecular liquids*
19.00: Dinner
21.00: Poster session

Saturday June 12 – Venue: Hotel Scandic Roskilde Park [Ved Ringen 2, Roskilde]

8.00: Breakfast
9.00: Shuai Wei: *Structure and dynamics of amorphous phase-change materials*
9.35: Morten Smedskjær: *Deformation and fracture of oxide and hybrid glasses*
10.10: Break
10.30: Itamar Procaccia: *Anomalous elasticity and screening in amorphous solids*
11.05: Damien Vandembroucq: *Do local plastic properties control relaxation in glasses?*
11.40: Shibu Saw: *Isomorphs in the colored-noise model of active matter*
12.15: Lunch. End of meeting. Check out.