

# VISCOUS LIQUIDS AND THE GLASS TRANSITION (XV)

Søminestationen (Dragerup Skovvej 10, DK-4300 Holbæk, Denmark), June 21-23, 2018

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

## Thursday June 21

- 12.00: Check-in; Lunch  
13.30: David Heyes: *Rheology and tribology of liquids at high pressure: Molecular simulation and theory*  
14.05: Peter Bierwirth: *Rheology near the glass transition of hydrogen-bonded liquids*  
14.40: Break  
15.00: Thomas Voigtmann: *Glass rheology: MCT, fluidity models and continuum mechanics simulations*  
15.35: Trond Ingebrigtsen: *Structural predictor for nonlinear sheared dynamics in glass-forming liquids*  
16.10: Break  
16.30: Laura Friedeheim: *Isomorphs in EMT models of noble-metal crystals*  
17.05: Eric Weeks: *Clogging of soft particles*  
17.40: Break  
18.00: Dinner  
20.00: Catalin Gainaru: *Universal flow pattern in disordered materials*  
20.35: Thomas Schröder: *Solid-like mean-square displacement in a binary glass-forming model liquid*

## Friday June 22

- 8.00: Breakfast  
9.00: Peter Schall: *Structural and dynamical correlations in aging colloidal glasses*  
9.35: Lisa Roed: *Physical aging studied by dielectric methods*  
10.10: Break  
10.30: Riccardo Casalini: *Pressure densification of simple liquids and polymers*  
11.05: Alejandro Sanz: *Pressure densification of 5 poly-phenyl-ether studied in different setups*  
11.40: Break  
12.00: Lunch  
14.00: Daniele Coslovich: *Dynamic crossover in glass-forming liquids: Insights from multi-GPU simulations*  
14.35: Thibaud Maimbourg: *Two-level systems in structural glasses from mean-field theory*  
15.10: Break  
15.30: Misaki Ozawa: *A unified picture of yielding in amorphous solids*  
16.05: Anael Lemaitre: *Origin and consequences of long-range stress correlations in amorphous media*  
16.40: Break  
17.00: Arantxa Arbe: *Effects of intra-molecular cross-linking on polymer structure and dynamics*  
17.35: Simone Napolitano: *Towards a new picture of the dynamics of nanoconfined systems*  
18.10: Break  
19.00: Dinner  
21.00: Poster session (with beer)

## Saturday June 23

- 8.00: Breakfast  
9.00: Andreas Schönhalz: *Nano-sized relaxation spectroscopy of miscible PVME/PS-blend thin films*  
9.35: Daniele Cangialosi: *Relaxation mechanisms accessing low-energy states in confined polymer glasses*  
10.10: Break  
10.30: Edan Lerner: *Universal disorder-induced broadening of phonon bands*  
11.05: Marian Paluch: *Invariants in the density-scaling regime: Testing dynamic and thermodynamic moduli*  
11.40: Break; clearing sleeping rooms  
12.00: Lunch (sandwiches); end of meeting