VISCOUS LIQUIDS AND THE GLASS TRANSITION (XXII)

May 20-22, 2026

Room 1, Building 27, Roskilde University (Universitetsvej 1, DK-4000 Roskilde)

Format: 20 minutes talk (max) + 15 minutes of discussion

Wednesday May 20

10.00: Registration opens
12.00: Lunch
13.00: Welcome
13.10: Thomas Voigtmann: *Machine-learning molecular dynamics for glass-forming liquids*
13.45: Slawomir Pieprzyk: *Theory and simulations of the hard-sphere fluid and crystal*
14.20: Break
14.40: Anand Tiwari: *Relaxations associated with hydrogen bonding in 1-propanol*
15.15: Marceau Henot: *Molecular dynamics insights into the Debye process of 1-propanol*
15.50: Break
16.10: Anne Tanguy: *Bridging glass-like and crystal-like thermal transport*
16.45: Felix Hummel: *Is density functional theory good for metals?*
17.20: Break
17.40: Anshul Parmar: *Tuning dynamics of disordered systems via structural constraints*
18.15: Ulf Pedersen: *High-pressure triple point that unifies the elements*
19.30: Dinner

Thursday May 21

8.30: Coffee and croissants
9.00: Linnea Heitmeier: *Spreading of viscoelastic fluids in microgravity*
9.35: Jiri Malek: *Experimental nonevidence of fragile-to-strong crossover in Ge-Se systems*
10.10: Break
10.30: Amin Doostmohammadi: *Conformal phase transition in active viscous fluids*
11.05: Fernando Lund: *Quantum theory of elastic strings and the thermal conductivity of glasses*
12.00: Lunch
15.00: Danqi Lang: *Relaxation in the spatial facilitated trap model*
15.35: Filip Kaskosz: *Modeling realistic metallic glasses*
16.10: Marcus Cicerone: *On excitations and cooperative relaxation in molecular liquids*
16.45: Break
17.15: Miguel Gonzalez: *Nuclear quantum effects in water explored by polarized neutron scattering*
17.50: Tianze Wan: *Mechanical stability and relaxation dynamics in deeply supercooled liquids*
19.00: Conference dinner
21.00: Poster session (with beer)

Friday May 22

8.30: Coffee and croissants
9.00: Ralph Chamberlin: *Ising model for the linear and nonlinear response of supercooled liquids*
9.35: Daniele Coslovich: *Onset of glassiness revisited: From simulations to experiments*
10.10: Break
10.30: Damien Vandembroucq: *The strain Kovacs effect in disordered materials*
11.05: Shuai Wei: *The high tunability of polyamorphism in phase-change materials*
11.40: Jan Gabriel: *Glassification and jamming in densifying granular materials*
12.15: Lunch; End of meeting