

VISCOUS LIQUIDS AND THE GLASS TRANSITION (XXI)

May 14-16, 2025

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

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

Wednesday May 14

12.00:	Lunch
13.00:	Welcome
13.05:	Mark Ediger: <i>Unusual liquids prepared by vapor deposition</i>
13.40:	Marta Silveira: <i>Glass transition in ultrastable glasses: a window to glass dynamics?</i>
14.15:	Break
14.30:	Hai-Bin Yu: <i>Configuration distance as a measure of relaxation dissipation</i>
15.05:	Isabella Gallino: <i>Decoupling of vitrification kinetics from alpha relaxation in metallic glasses</i>
15.40:	Break
16.00:	Birte Riechers: <i>Metallic glasses: macroscopically strong yet flowing at any stress</i>
16.35:	Ralf Busch: <i>Relaxation dynamics in multicomponent metallic glasses</i>
17.10:	Break
17.30:	Anshul Parmar: <i>Depleting states dictate the physics of the glass transition</i>
18.05:	Kristine Niss: <i>Structural evidence for the isomorph theory in the glass-former cumene</i>
19.30:	Dinner

Thursday May 15

8.30:	Coffee and croissants
9.00:	Federico Caporaletti: <i>Predicting aging far from equilibrium</i>
9.35:	Karolina Adrjanowicz: <i>Narayanaswamy single-parameter aging in nanoscale confinement</i>
10.10:	Break
10.30:	Hajime Tanaka: <i>Structural origin of slow relaxation in glass-forming liquids</i>
11.05:	Gregor Diezemann: <i>Relaxation in a model of interacting traps</i>
12.00:	Lunch
14.30:	Rolf Zeissler: <i>The spectral shape of relaxation in molecular liquids</i>
15.05:	Florian Pabst: <i>Learning about microscopic dynamics from macroscopic relaxation spectra</i>
15.40:	Break
16.00:	Anne Tanguy: <i>Self-heating and constitutive laws in the solid glassy state</i>
16.35:	Ulf Pedersen: <i>Randium</i>
17.10:	Break
17.30:	Linnea Heitmeier: <i>Non-monotonic hydrodynamic relaxations in a nanochannel</i>
18.05:	Matthias Fuchs: <i>Long-ranged stress correlations in liquids</i>
19.00:	Conference dinner
21.00:	Poster session (with beer)

Friday May 16

8.30:	Coffee and croissants
9.00:	Jonas Finkler: <i>Diffusion models for inverse glass design</i>
9.35:	David Sidebottom: <i>Dynamic light scattering in network-forming oxide glass melts</i>
10.10:	Break
10.30:	Jaehyeok Jin: <i>Coarse-graining in time and space</i>
11.05:	Alexei Sokolov: <i>Dynamics of polymers with reversible (dynamic) bonds</i>
12.00:	Lunch; End of meeting