

VISCOUS LIQUIDS AND THE GLASS TRANSITION (XII)

Søminestationen (Dragerup Skovvej 10, DK-4300 Holbæk, Denmark), June 12-14, 2014

Format: 20 minutes talk followed by 15 minutes.

Thursday June 12

- 12.00: Check-in; Lunch
13.30: Mike Roland: *Secondary relaxations – Experiments and simulations*
14.05: Uli Buchenau: *Probing the cooperative liquid dynamics with the mean-square displacement*
14.40: Break
15.00: Lorenzo Costigliola: *The viscosity of a Roskilde liquid along its melting line*
15.35: Thomas Schröder: *Isomorph theory 2.0*
16.10: Break
16.30: Eva Pogna: *Mechanical response of glasses investigated by broadband photoacoustics*
17.05: Eric DeGiuli: *Will the true cause of the boson peak please stand up?*
17.40: Break
18.00: Dinner
20.00: Paddy Royall: *Structure and the glass transition: the quest for a mechanism*
20.35: Alexei Sokolov: *From fundamentals of ionic conductivity to a 'superionic' polymer*

Friday June 13

- 8.00: Breakfast
9.00: Anne Tanguy: *Local dynamics and rheology of amorphous materials: the role of bonds directionality*
9.35: Damien Vandembroucq: *Coarsening of asymmetric viscous liquids: limits to dynamical scaling*
10.10: Break
10.30: Trond Ingebrigtsen: *Polydispersity and its effect on strong virial/potential energy correlations*
11.05: Felix Hummel: *Predicting crystal properties from melts: ab-initio results for all metals*
11.40: Break
12.00: Lunch
14.00: Daniele Coslovich: *Mean-field dynamic criticality in a three-dimensional glass-former*
14.35: Andrzej Grzybowski: *Equation of state in the generalized density scaling regime*
15.10: Break
15.30: Nick Bailey: *The variation of the dynamic susceptibility along an isochrone*
16.05: Ranko Richert: *The homogeneous character of true structural relaxation*
16.40: Break
17.00: Roland Böhmer: *Prepeaks and dynamics in alcohols*
17.35: Bo Jakobsen: *The Debye-process in monoalcohols studied by shear-mechanical spectroscopy*
18.10: Break
19.00: Dinner
21.00: Poster session – with beer

Saturday June 14

- 8.00: Breakfast
9.00: Isak Avramov: *The role of entropy on glass viscosity*
9.35: Marian Paluch: *New insight into the relaxation dynamics of glass-forming liquids: the role of entropy*
10.10: Break
10.30: Tom Truskett: *Inverse design of interactions for assembly of open lattices*
11.05: Mikkel Jensen: *Crystallization studied by simultaneous dielectric spectroscopy and neutron scattering*
11.40: Break
12.00: Lunch; End of meeting