

VISCOUS LIQUIDS AND THE GLASS TRANSITION (IX)

Søminestationen (Holbæk, Denmark), June 16-18, 2011

Format: 20 minutes talk followed by 15 minutes discussion.

Thursday June 16

- 12.00: Check-in, lunch
13.30: Ditte Gundermann: *Predicting the density-scaling exponent of a glass-forming liquid from Prigogine-Defay ratio measurements*
14.05: Marian Paluch: *Fragility versus activation volume: New insight into molecular dynamics of hydrogen glass-forming liquids*
14.40: Break
15.00: Mike Roland: *Anomalies of density scaling, crystal melting, and Poisson's ratio*
15.35: Sylwester Rzoska: *Distortions-sensitive analysis of the temperature and pressure evolution of relaxation time in glass-forming systems*
16.10: Break
16.30: Catherine Dreyfus: *Orientalional order, relaxational dynamics, and the scaling of structural relaxation in simulated liquid germania*
17.05: Jon Papini: *The dynamic Prigogine-Defay ratio*
17.40: Break
18.00: Dinner
20.00: Ulf Pedersen: *Factors contributing to the glass-forming ability of a simulated molecular liquid*
20.35: Robert Pick: *What happens in X, RH₂O supercooled solutions? Sound velocity vs dielectric studies*

Friday June 17

- 8.00: Breakfast
9.00: Andreas Reiser: *Dielectric polarization noise versus permittivity - an ageing study of glycerol*
9.35: Catalin Gainaru: *Debye relaxation in monoalcohols: a century-old conundrum*
10.10: Break
10.30: Riccardo Casalini: *Investigation of the nature of the Debye peak in glycerol using high pressure*
11.05: Nick Bailey: *RUMD: A GPU-based molecular dynamics code*
11.40: Break
12.00: Lunch
14.00: Trond Ingebrigtsen: *Computer investigations of isomorphs in molecular liquids*
14.35: Tina Hecksher: *Broad-band mechanical spectra*
15.10: Break
15.30: Majid Mosayebi: *Non-equilibrium thermodynamic model of glasses*
16.05: Ranko Richert: *Modelling heat capacity in the glass transition range*
16.40: Break.
17.00: Nicoletta Gnan: *How solvent properties control aggregation of hard-sphere colloids*
17.35: Claudio Maggi: *Colloidal effective interaction in an active bath*
18.10: Break
19.00: Dinner
21.00: Poster-with-beer-session

Saturday, June 18

- 8.00: Breakfast
9.00: Cécile Dalle-Ferrier: *Dynamics of colloids in modulated potentials*
9.35: Lasse Bøhling: *Isomorphs in generalized Lennard-Jones systems*
10.10: Break
10.30: Maria Grazia Izzo: *Helium/Neon mixtures from the mesoscopic to the single-particle regimes*
11.05: Jesper Schmidt Hansen: *Short-ranged Coulomb interactions in isotropic fluids*
11.40: Break
12.00: Lunch; end of meeting