

VISCOUS LIQUIDS AND THE GLASS TRANSITION (XI)

Søminestationen (Dragerup Skovvej 10, DK-4300 Holbæk, Denmark), May 23-25, 2013

Format: 20 minutes talk followed by 15 minutes discussion.

Thursday May 23

- 12.00: Check-in; Lunch
13.30: Jörn Schmelzer: *Theoretical interpretation of the Prigogine-Defay ratio in the glass transition*
14.05: Michael Wübbenhorst: *Supercooled liquids and glasses with enhanced orientational order*
14.40: Break
15.00: Carsten Schroer: *Microrheology on supercooled liquids: potential energy landscape dynamics*
15.35: Lisa Roed: *An experimental test of isochronal superposition*
16.10: Break
16.30: Tina Hecksher: *Mechanical and dielectrical relaxations; preliminary data for squalane*
17.05: Keith Nelson: *Dynamic mechanical responses of glass-forming liquids covering 13 decades*
17.40: Break
18.00: Dinner
20.00: Marian Paluch: *Crystallization of glass-forming melts at ambient and elevated pressure*
20.35: Ulf Pedersen: *Solid-liquid Gibbs free energy difference computed by interface pinning*

Friday May 24

- 8.00: Breakfast
9.00: Catalin Gainaru: *Small-molecule liquids displaying polymer behavior*
9.35: Friedrich Kremer: *Molecular dynamics in one- and two-dimensional confinement*
10.10: Break
10.30: Claire Lemarchand: *Computer simulations of the aging of Coöee bitumen*
11.05: Jack Douglas: *Relaxation, collective motion and noise in the interfacial dynamics of Ni nanoparticles*
11.40: Break
12.00: Lunch
14.00: Tage Christensen: *Measuring liquid density by resonances in the expansion tube of the bulk transducer*
14.35: Simone Capaccioli: *Change of dynamics at T_g and T_d in solvated and hydrated proteins*
15.10: Break
15.30: Anael Lemaitre: *Elastic signature of relaxation events in supercooled liquids*
16.05: Damien Vandembroucq: *Creep in disordered media*
16.40: Break
17.00: Thomas Schröder: *Recent results from the isomorph theory*
17.35: Felix Hummel: *Ab-initio calculations confirm that metal melts are simple*
18.10: Break
19.00: Dinner
21.00: Poster session – with beer

Saturday May 25

- 8.00: Breakfast
9.00: Wilhelm Kossack: *Intra- and inter-molecular dynamics in glass forming systems*
9.35: Christoph Schick: *Calorimetric responses of liquids covering 11 orders of magnitude in frequency*
10.10: Break
10.30: Michael Vogel: *Length scales - Insights from MD simulations of water in various confinements*
11.05: Itamar Procaccia: *The elusive length-scale characterizing the slowing down in the glass transition*
11.40: Break
12.00: Lunch; End of meeting