

VISCOUS LIQUIDS AND THE GLASS TRANSITION (III)

Søminestationen (Holbæk, Denmark) May 9-11, 2003.

Friday May 9:

Chair: Claus Behrens.

- 12.00-13.00: Lunch.
- 13.00-13.30: Sergei Nemilov: Superslow structural relaxation in silicate glasses at room temperature.
- 13.30-14.00: Discussion.
- 14.00-14.30: Yuanzheng Yue: Relationship between fragility and iso-structural activation energy of glass-forming melts.
- 14.30-15.00: Discussion.
- 15.00-15.30: Break.
- 15.30-16.00: Christiane Alba-Simionesco: What is the main control parameter of the dynamics of polymers at the approach of the glass transition?
- 16.00-16.30: Discussion.
- 16.30-17.00: Niels Boye Olsen: What controls the relaxation rate in viscous liquids?
- 17.00-17.30: Discussion.
- 17.30-18.00: Andrew Granato: The interstitialcy model of liquids and glasses and the Vogel- Fulcher-Tammann relation.
- 18.00-18.30: Discussion.
- 18.30-20.30: Dinner.
- 20.30-21.00: Kia Ngai: Evolution of dynamics from the fast caged relaxation to the intermediate Johari-Goldstein relaxation and the terminal alpha relaxation.
- 21.00-21.30: Discussion.

Saturday May 10:

Chair: Roland Böhmer.

- 8.00-9.00: Breakfast.
- 9.00-9.30: Uli Buchenau: Breakdown of the shear modulus at the glass transition.
- 9.30-10.00: Discussion.
- 10.00-10.30: Kristine Niss and Bo Jakobsen: Dielectric and shear-mechanical relaxation in viscous liquids: Are they connected?
- 10.30-11.00: Discussion.
- 11.00-11.30: Jeppe Dyre: Alpha and beta relaxations in viscous liquids: Attempt to arrive at an overall picture.
- 11.30-12.00: Discussion.
- 12.00-14.00: Lunch.
- 14.00-14.30: Gregor Diezemann: Heterogeneous dynamics in simple spin models.
- 14.30-15.00: Discussion.

15.00-15.30: Sergei Baranovski: Electron glass.
15.30-16.00: Discussion.
16.00-17.00: Break.
17.00-17.30: Niels Ellegaard: The dynamic Prigogine-Defay ratio.
17.30-18.00: Discussion
18.00-18.30: Tage Christensen: The Prigogine-Defay ratio in energy bond models
18.30-19.00: Discussion.
19.00-21.00: Dinner.
21.00: After-dinner talks:
Austen Angell: Glass research in USA before 1970 - personal perspective.
Sergei Nemilov: Glass research in USSR before 1970 - personal perspective.

Sunday May 11:

Chair: Tage Christensen.

8.00-9.00: Breakfast
9.00-9.30: Austen Angell: Boson peaks and their connection to excitations in liquids.
9.30-10.00: Discussion.
10.00-10.30: Ernst Rössler: Nearly constant loss behavior in organic glasses and its precursor in the supercooled liquid.
10.30-11.00: Discussion.
11.00-11.30: Aude Cailliaux: Neutron scattering study of the Boson peak of Polybutadiene and Polyisobutylene under high pressure.
11.30-12.00: Discussion.
12.00: End of meeting.