

RUC-Risø workshop 2003 on

STRUCTURE AND DYNAMICS OF METALS AND GLASSES

Location: Roskilde University, Building 02, room 1.
Format: 20 minutes lecture, 20 minutes discussion.

Wednesday June 4:

- 9.15-9.30: Coffee, welcome, presentation of participants.
- 9.30-9.40: **Dorte Juul Jensen (Risø):**
4d-grundforskningscenteret: An overview.
- 9.40-10.00: **Thomas Schrøder (NORDITA/RUC):**
*Universal AC conduction in disordered solids:
The random energy barrier model.*
- 10.20-10.40: Break.
- 10.40-11.00: **H.F. Poulsen (Risø):**
3DXRD microscopy - a novel tool for materials science.
- 11.20-11.40: **Erik Mejdal Lauridsen (Risø):**
Recrystallization kinetics of individual bulk grains.
- 12.00-13.00: Lunch.
- 13.00-13.20: **Tage Christensen (RUC):**
Frequency-dependent specific heat.
- 13.40-14.00: **Niels Boye Olsen (RUC):**
Shear and bulk moduli.
- 14.20-14.40: **Kristine Niss og Bo Jakobsen (RUC):**
Dielectric and shear mechanical relaxation in viscous liquids: Are they connected?
- 15.00-16.00: Break, lab guiding.
- 16.00-16.20: **Wolfgang Pantleon (Risø):**
Dislocations.
- 16.40-17.00: **Søren Fæster Nielsen (Risø):**
Plastic strain by tomography.
- 17.20-17.40: **Niels Hansen (Risø):**
Nano-scale structures.
- 18.00-20.00: Dinner.
- 20.00-20.20: **Jeppe Dyre (RUC):**
Thermodynamic and kinetic fragilities.
- 20.40: End of meeting.