

Summerschool : LINEAR RESPONSE: THEORY AND PRACTICE
- with particular focus on viscous liquids.

Sunday July 1 – Sunday July 8, 2007, Søminestationen, Holbæk, Denmark.

A typical day is organized as follows:

8-9: Breakfast; 9-12: Block 1; 12-15: Lunch/break; 15-18: Block 2; 18-20: Dinner/break;
20- 21.30: Presentation of Ph.D.-projects (each participant gives a 30 minutes talk).

Program:

Sunday, July 1, Block 2: Jeppe C. Dyre: *The fluctuation-dissipation theorem I. Random walks and diffusion*

Monday, July 2, Block 1: Friedrich Kremer: *Dielectric properties of ion-conducting materials*

Monday, July 2, Block 2: Jeppe C. Dyre: *The fluctuation-dissipation theorem II. The general case*

Tuesday, July 3, Block 1: Thomas Schröder & Valeria Molinero: *Linear responses evaluated by computer simulations I*

Tuesday, July 3, Block 2: Giancarlo Ruocco & Aleksandar Matic: *The fluctuation side of the FD-theorem: Scattering experiments I*

Wednesday: Excursion (9.15-17.30)

Thursday, July 5, Block 1: Marian Paluch: *Dielectric spectroscopy of glass-forming liquids under high pressure*

Thursday, July 5, Block 2: Thomas Schröder & Valeria Molinero: *Linear responses evaluated by computer simulations II*

Friday, July 6, Block 1: Gregor Diezemann: *Violations of the fluctuation-dissipation theorem in non-equilibrium systems*

Friday, July 6, Block 2: Giancarlo Ruocco & Aleksandar Matic: *The fluctuation side of the FD-theorem: Scattering experiments. II*

Saturday, July 7, Block 1: Friedrich Kremer: *Molecular dynamics in thin polymer layers*

Saturday, July 7, Block 2: Marian Paluch: *Viscosity measurements under high pressure*

Sunday, July 8, Block 1: Ranko Richert: *Dielectric relaxation beyond the linear regime: Motivation, models, and experiments*