

The 5th Mini-Symposium on Liquids (MSL2011) Fundamental Problems on Liquids and Related Topics

2011. 6. 25–26
50th Anniversary Hall, Tsushima Campus, Okayama University
Okayama 700–8530, Japan

Program

June 25

12:00–12:55 Pre-Poster Session

12:55–13:00 Opening Remarks

13:00–13:30 H. Okumura (IMS)

Protein simulations by new generalized-ensemble molecular dynamics algorithms

13:30–14:00 T. Sato (Shinshu)

Protein-protein interactions in solution and their interplay with protein specific functions

14:00–14:30 M. Suzuki (Tohoku)

Local viscosity decrease of water surrounding actin upon polymerization detected by dielectric relaxation, PFGSE-NMR, and fluorescence anisotropy measurements

14:30–14:45 Coffee Break

14:45–17:00 Poster Preview Session and Poster Presentation

17:00–17:30 A. Onuki (Kyoto)

Phase Transitions in Soft Matter Induced by Selective Solvation

17:30–18:10 (Plenary lecture) D. Chandler (Berkeley)

Theory of hydrophobic effects: small and large length scales and two phases of water

June 26

8:30–9:00 Coffee

9:00–9:30 M. Matsumoto (Okayama)

On the Structure Selectivity of Clathrate Hydrates

9:30–10:00 K. Miyazaki (Tsukuba)

Glass transition of exotic liquids

10:00–10:30 Y. Kimura (Kyushu)

Nematic Colloids – Interaction between particles in anisotropic liquids

10:30–10:50 Coffee Break

10:50–11:20 H. Frusawa (Kochi Univ. Tech)

Electrophoretic study of charge-reversal: from proteins to microbubbles

11:20–11:50 R. Roth (Erlangen-Nuremberg)

Phase Transitions of Highly Confined Fluids