

The 5th Mini-Symposium on Liquids (MSL2011)

List of Poster Presentations

June 25, 2011

Pre-Poster Session (12:00~12:55)

Poster Preview Session and Poster Presentations (14:45~17:00)

- P1: K. Abe (Okayama University)
Phase transition in a quasi-one-dimensional lattice
- P2: R. Akiyama (Kyushu University)
Triplet Distribution Functions for Hard Spheres Calculated by Monte Carlo Simulation and Integral Equation Theories.
- P3: H. Akiyoshi (Okayama University)
Diffusion coefficient of argon in single walled carbon nanotubes
- P4: Y. Aoyanagi (National Institute of Advanced Industrial Science and Technology (AIST))
Simple Model for Mechanics of Spider Webs
- P5: T. Araki (Kyoto University)
Behaviors of charged particles near a water-oil interface
- P6: A. Eri (Ochanomizu University)
Dynamics of drops and bubbles in a Hele-Shaw cell
- P7: L. Hakim (Okayama University)
Phase behavior of gas hydrate of cubic ice and ice II structure
- P8: Y. Hamamoto (Ochanomizu University)
Analytical Studies on a Crack in Simplified Nacre Model
- P9: S. Hayaki (Kyoto University)
An Application of RISM Method Incorporating Intramolecular Fluctuation
- P10: K. Himoto (Okayama University)
Structure and connectivity of plastic ice
- P11: M. Hishida (Kyoto University)
Long-range hydration effect of lipid membrane studied by terahertz time-domain spectroscopy

- P12: T. Kaneko (Keio University)
Dynamical coexistence and size dependence of water cluster
- P13: Y. Kawashima (Kyushu University)
Solvent effect of the absorption and fluorescence spectra
- P14: K. Koga (Okayama University)
A general view on solvation of apolar solutes in water and in simple liquids
- P15: Y. Kubota (Kyushu University)
Model Dependence of Dielectric Response to Molecular-Sized Ion in Water
- P16: M. Matsuo (Okayama University)
Thermodynamic Stability of CO₂ clathrate hydrates
- P17: T. Miyata (Ehime University)
Brownian Dynamics Simulation of Self-Diffusion of Ionic Large Solute Molecule in Modeled Polyelectrolyte Gel
- P18: H. Mizuno (Kyoto University)
Rheological behaviors of a supercooled liquid under general shear strains
- P19: T. Murashima (Kyoto University)
Advection of Microscopic States in Entangled Polymer Melt Flow
- P20: Y. Nakamura (Kyushu University)
A perturbation theory for friction of a large particle immersed in a binary solvent
- P21: K. Nishiyama (Shimane University)
Solvent Effects on Fluorescence Spectra of Coumarin 153. A comparative study of RISM-SCF Calculations and Spectroscopy
- P22: N. Obara (Ochanomizu University)
Universal scaling law for the imbibition of textured surfaces with "soft" edges
- P23: R. Sakamaki (Keio University)
Phase equilibria for common water models
- P24: T. Sekiguchi (Ochanomizu University)
Experimental study on the Brazil nut effect

- P25: T. Sumi (Toyohashi University of Technology)
How the liquid-liquid transition affects hydrophobic hydration of a polymer chain in supercooled water
- P26: N. Takahashi (Ochanomizu University)
On the stress concentration in a simple elastic-plastic model
- P27: Y. Takehara (Ochanomizu University)
High-velocity drag friction in dense granular media
- P28: M. Tani (Ochanomizu University)
Imbibition of inhomogeneous textured surfaces
- P29: R. Tatsumi (Kyoto University)
Numerical Simulation Analysis of Ultrasound Attenuation in a Colloidal Solution
- P30: R. Teshigawara (Kyoto University)
Pre-dewetting transition on hydrophobic substrate: statics and dynamics
- P31: K. Tokunaga (Kogakuin University)
A Model Study of Energy Conversion from Chemical Reaction into Mechanical Work through Solvation
- P32: T. Yamaguchi (Nagoya University)
Molar conductivity minimum of electrolyte solutions in solvents of low polarity
- P33: Y. Yamakawa (Okayama University)
Structure and dynamics of aqueous solutions of electrolytes in confined space
- P34: M. Yokota (Ochanomizu University)
Dimensional crossover in the coalescence dynamics of viscous drops confined in between two plates
- P35: T. Yoshidome (Kyoto University)
Importance of water entropy in rotation mechanism of F1-ATPase
- P36: A. Suematsu (Kyushu University)
Application of a phase transition theory to a glass forming system
- P37: Y. Yoshitake (Tokyo Denki University)
Effect of Surface Structures on Contact Angle Hysteresis