

2024/3/6	Introduction	9:00
Crystal Growth of ice T. Sakurai (CERD) Y. Arai (Tokai Univ.) T. Ishizaki (Tohoku Univ. Art Design)	Chair: K. Nagashima (ILTS, Hokkaido Univ.) Superhydrophobic PDMS fabricated with a femtosecond pulsed laser for icicle mitigation Concentration and Cooling Rate Dependence of Ice Crystal Structure in Aqueous Poly (vinyl pyrrolidone) Solution by X-ray Diffraction Experimental study on the mechanism of frost heave phenomenon	9:15 9:45 10:15
Amorphous phase X. Wu (Univ. Tokyo) M. Matsumoto (Okayama Univ.)	Chair: K. Nagashima (ILTS, Hokkaido Univ.) Neutron scattering and heat capacity studies of low-energy excitations in vapor-deposited amorphous ice Novel Algorithm to Generate Hydrogen Disordered Ices	10:45 11:15
	Lunch	11:45~13:00
Physical properties of water and solutions K. Ogata (Sanyo-Onoda City Univ.) K. Yamamuro (Tokyo Denki Univ.) H. Minato (Tokyo Denki Univ.) S. Ishizaka (Hiroshima Univ.)	Chair: K. Murata (ILTS, Hokkaido Univ.) Dynamic behavior of H2O and compounds around proteins Calorimetric Study of Water Confined in Sephadex G25 Gel Dynamic Properties of Water Confined in Sephadex G25 Gel by Quasi-Elastic Neutron Scattering Optical manipulation and fusion of aqueous droplets containing inorganic and organic solutes in air using a dual-beam laser trapping technique	On Line 13:00 13:30 14:00 14:30
	Coffee Break	15:00~15:30
High Pressure Ices K. Mochizuki (Zhejiang Univ., China) H. Kobayashi (Univ. Tokyo) H. Ito (Univ. Tokyo) K. Yamashita (Univ. Innsbruck, Austria) T. Loerting (Univ. Innsbruck, Austria)	Chair: G. Sazaki (ILTS, Hokkaido Univ.) Growth mechanism of high-pressure ices Impact of ice Ih on the doping-assisted hydrogen ordering in ice VI Observation of order-disorder phase transition of ice VI by in-situ heat capacity measurement under high pressure Hydrogen ordering in ice V/XIII from calorimetry Ice XIX and its place in phase diagram	15:30 16:00 16:30 On Line 17:00 On Line 17:30
	Coffee Break and Poster preparation	18:00~18:30
Posters K. Watanabe (Hokkaido Univ.) S. Matsuo (Hokkaido Univ.) T. Takayama (Saitama Univ.) S. Higuchi (Tokai Univ.) K. Komatsu (Univ. Tokyo) M. Satoh (Tokyo Univ. Sci.) K. Sasaki (Tokai Univ.) K. Funakoshi (Kobe Univ.) Y. Mizutani (Kitami Inst. Tech.) K. Masui, N. Takenaka (Osaka Metro. Univ.) T. Uchida (Hokkaido Univ.)	Development of cryopreservation technology for mammalian cells in an adherent state on glass Study on the effects of dehydration in the cryopreservation process Experimental and theoretical vibrational spectroscopy of aqueous electrolyte solution Effect of Concentration and Cooling Rate of Aqueous Fructose Solution on Ice Crystal Structure Have we observed Ice X? Effect of water on melting point of ethanol of high pressure phase Shape of Dielectric Loss Peak of High-Density Amorphous Ice at Ambient Pressure THz-TDS study on hydrated salts Cage size effect on hydrogen isotope fractionation of methane during the formation of methane hydrate Effect of Existence of Ultra-fine Bubble on Some Oxidation Reactions Measurements of nucleation of methane + propane mixed-gas hydrate depending on supersaturation and effect of UFBs	18:30 18:30 18:30 18:30 18:30 18:30 18:30 18:30 18:30 18:30 18:30 18:30
	Banquet	19:30~

2024/3/7		
Clathrate Hydrates H. Kishimoto (Keio Univ.) H. Tanaka (Toyota Phys. Chem. Res. Inst.) J. Shimada (Osaka Univ.) M. Zhang (Univ. Tokyo)	Chair: T. Uchida (Hokkaido Univ.) Prediction of three-phase equilibrium curve of clathrate hydrate using GEMC/MD hybrid simulation Cage occupancies of CH4, CO2, and Xe hydrates: Mean field theory and grandcanonical Monte Carlo simulations Quasi-elastic neutron scattering measurements of semi-clathrate hydrates Structural and dynamic studies on amorphous and crystalline methane hydrates	9:30 10:00 10:30 11:00
	Lunch	11:30~13:00
A. Hoshikawa (Ibaraki Univ.) S. Takeya (AIST) S. Hashimoto (Toyota Cent. R&D Labs)	Structure transition of ethane hydrate at low temperature Ice growth depending on gas hydrate dissociation temperature Formation and dissociation kinetics of clathrate hydrate	On Line 13:00 13:30 14:00
	Conclusions and Remarks	14:30