

9/14	Presenter	Institutes	Title
12:45		Opening remarks, message from the dean of ILTS	
	Reactions at ice grain boundary		<Chair: Dr. Uchida (Fac. Eng., Hokkaido Univ.)>
13:00	Masahiro Inomata	ILTS, Hokkaido Univ.	Temperature dependence of the growth kinetics of elementary spiral steps on ice basal faces grown from water vapor
13:20	Chen Jialu	ILTS, Hokkaido Univ.	Surface melting of polycrystalline ice
13:40	Ken Nagashima	ILTS, Hokkaido Univ.	Hydrogen Chloride Gas Uptake Processes into Ice Crystals via Droplets
14:00		(break: 15min)	
	Surface structure of ice		<Chair: Dr. Murata (ILTS, Hokkaido Univ.)>
14:15	Tetsuo Okada	Tokyo Institute of Technology	X-ray spectrometric imaging of grain boundaries and specific concentration of ions in frozen electrolytes
14:35	Kensuke Yanagisawa	Tokyo Institute of Technology	Evaluation of solute dissolution properties in frozen aqueous phase s
14:55	Saori Fujino	Tokyo Institute of Technology	Particle displacements in ice septum channels
15:15	Norimichi Takenaka	Osaka Prefecture Univ.	Measurement of solar light intensity and photochemical reactions in snow at H128 point, Antarctica
15:35		(break: 15min)	
	Dielectric properties of ice		<Chair: Prof. Sei (Aich Gakuin Univ.)>
15:50	Yuko Amo	Yamagata Univ.	Low-frequency Raman scattering of H ₂ O : from 0.1 cm ⁻¹ to 250 cm ⁻¹
16:10	Kaito Sasaki	Micro/Nano Tech. Center, Tokai Univ.	Dielectric relaxation time of ice Ih
16:30	Kei Takeya	Nagoya Univ.	An observation of phase transition of gas hydrate using terahertz spectroscopy
16:50		(break: 15min)	
	Amorphysm of H₂O under extreme states		<Chair: Dr. Nagashima (ILTS, Hokkaido Univ.)>
17:05	Yoshiharu Suzuki	National Inst. Material Science (NIMS)	liquid-liquid critical point of polyol aqueous solutions
17:25	Masakazu Matsumoto	Okayama Univ.	Ice under very high or negative pressures
18:00~20:00		Information exchange & relaxation	
9/15	Ultra Fine Bubble and Gas hydrate kinetics		<Chair: Prof. Sazaki (ILTS, Hokkaido Univ.)>
9:00	Tsutomu Uchida	Fac. Eng., Hokkaido Univ.	UFB generation by gas hydrate dissociation and its effect on nucleation acceleration
9:20	Shin Fujiyama	Fac. Eng., Hokkaido Univ.	Change of distribution of Air Ultra fine bubbles in water by freeze-thaw processing
9:40	Hironobu Machida	Panasonic Co.	SEM observation on hydrate formation from TBAB aqueous solution and memory effect
10:00		(break: 15min)	
	Gas Hydrate (1)		<Chair: Prof. Hoshikawa (Ibaraki Univ.)>
10:15	Satoshi Takeya	National Inst. Advanced Ind. Sci. Tech. (AIST)	Mechanism study on the self-preservation phenomena of gas hydrates
10:35	Motoi Oshima	National Inst. Advanced Ind. Sci. Tech. (AIST)	Investigation of hydration numbers in TBAB semiclathrate hydrates by guest ion analysis
10:55	Ryusuke Nishitani	Fac. Sci., Osaka Univ.	Inclusion of ammonium ions into clathrate hydrate in a subsurface ocean of icy moon
11:15		(break: 15min)	
	Gas Hydrate (2)		<Chair: Dr. Uchida (Fac. Eng., Hokkaido Univ.)>
11:30	Yusuke Hamashima	Gifu Univ.	An examination for the estimation of elastic properties of methane hydrate under shear stress
11:50	Kyohei Yokoi	Gifu Univ.	Elastic properties of krypton hydrate determined by high-pressure Brillouin experiments : Part II
12:10	Takeshi Sugahara	Grad. Sch. Eng. Sci., Osaka Univ.	Dissociation and Nucleation of Tetra- <i>n</i> -butyl Ammonium Bromide Semi-Clathrate Hydrates at High Pressures
12:30		Closing remarks	