

## Program

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### FRIDAY, 30<sup>th</sup> September

Inokuchi Hiroo Memorial Hall in Toyota Physical and Chemical Research Institute (TPCRI)

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13:15-13:20		Announcement about the schedule of this meeting	
13:20-13:25		Opening Remark: Prof. <b>Toshiyuki Itoh</b> (TPCRI)	
		Chair: Prof. <b>Toshiyuki Itoh</b> (TPCRI)	
13:30-14:10	<b>IL1</b>	Prof. <b>Akio Kamimura</b> (Yamaguchi University, Japan)	<b>How can we control solubility of ionic liquids?</b>
		Chair: Prof. <b>Nobuhumi Nakamura</b> (Tokyo University of Agriculture and Technology)	
14:15-14:45	<b>IL2</b>	Dr. <b>Yuki Kohno</b> (AIST, Japan)	<b>Design of ionic liquids for energy-efficient reaction-separation systems</b>
14:45-15:15		<b>Coffee break</b>	
		Chair: Prof. <b>Masayoshi Watanabe</b> (Yokohama National University)	
15:15-16:15	<b>PL1</b>	Prof. <b>Douglas MacFarlane</b> (Monash University, Australia)	<b>Ionic Liquids as key components in electrochemical production of ammonia</b>
		Chair: Prof. <b>Yukio Ouchi</b> (Tokyo Institute of Technology)	
16:20-17:20	<b>PL2</b>	Prof. <b>Tom Welton</b> (Imperial College London, UK)	<b>Why are ionic liquids so viscous?</b>
18:30-20:30	<b>Banquet</b>	Welcome Remark: Prof. <b>Kohei Tamao</b> (Director of TPCRI)	

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### SATURDAY, 1<sup>st</sup> October

Toyota Commemorative Museum of Industry and Technology

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		Chair: Prof. <b>Yasuhiro Umebayashi</b> (Niigata University)	
09:00-09:30	<b>IL3</b>	Dr. <b>Karolina Matuszek</b> (Monash University, Australia)	<b>Design of ionic liquids as phase change materials for renewable energy storage</b>
		Chair: Prof. <b>Koichi Iwata</b> (Gakushuin University)	
09:40-10:10	<b>IL4</b>	Prof. <b>Naoya Nishi</b> (Kyoto University, Japan)	<b>Base metal nanostructures formed via reductive deposition at the water-free liquid/liquid interface of ionic liquids</b>
		Chair: Prof. <b>Yoshifumi Kimura</b> (Doshisha University)	
10:15-10:45	<b>IL5</b>	Dr. <b>Ana Maria da Conceicao Ferreira</b> (University of Aveiro, Portuguese)	<b>Advances on biomass valorization: Extraction of added-value compounds using aqueous solutions of ionic liquids</b>
		Chair: Prof. <b>Kenji Takahashi</b> (Kanazawa University)	
10:50-11:50	<b>P L3</b>	Prof. <b>H-J. Kim</b> (Carnegie Mellon University, USA)	<b>Infrared spectroscopy of Li<sup>+</sup> solvation in EmimBF<sub>4</sub> and in propylene carbonate</b>
11:50-12:00	<b>Closing Remark</b>	Prof. <b>Hiroyuki Ohno</b> (Director of Research System for Science Systems, JSPS; Former President, Tokyo University of Agriculture and Technology)	

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\*Yellow color column: Web lecture