

Program for EMN Meeting on Ionic Liquids 2016

Wednesday November 9th

14:00-17:30	Onsite registration & Sign up(at the Lobby)
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Thursday November 10th

Room: River I

Session: Energy-Related Applications of Ionic Liquids Chair: Christian Detellier

9:00-9:25	R01: Cellulose hydrolysis and simultaneous purification in hydrophobic and acidic ionic liquids	Kosuke Kuroda Kanazawa University, Japan
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9:25-9:50	R02: Oxygen reduction reaction induced by a non-heme iron complex immobilized in an ionic liquid layer modified on a Au electrode	Tatsuya KITAGAWA Nagoya Institute of Technology, Japan
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9:50-10:10	Session Break
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Session: General Chair: Kosuke Kuroda

10:10 -10:35	R03: Properties of protic ionic liquids comprising N-alkyl-diethylenetriamine and the complexation of a copper(II) ion	Masayasu Iida Nara Women's University, Japan
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10:35-11:00	R04: Ionic liquids – clay minerals nanoarchitectures and applications	Christian Detellier University of Ottawa, Canada
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11:00-11:25	R05: The Ignition Process Measurements for Hypergolic Ionic Liquid Fuels	Jianling Li Northwestern Polytechnical University, China
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11:30	Lunch Break
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Thursday November 10th

Room: River I

Session: Ionic Liquids for Separation and Purification I Chair: Ooi Chien Wei

14:00-14:25	R06: Ionometallurgy for recycling silver in silicon solar panel	Emmanuel Billy Laboratoire du Recyclage et de la Valorisation des Matériaux, France
14:25-14:50	R07: Extraction of Bisphenol A from aqueous solutions using supported ionic liquid membrane	Kaustubha Mohanty Indian Institute of Technology Guwahati, India
14:50-15:10	Session Break	
Session: Ionic Liquids for Separation and Purification II Chair: Emmanuel Billy		
15:10-15:35	R08: Ionic Liquids for Liquid-liquid extraction: example of cholinium for the recovery of silver	Juliette Sirieix Plénet Université Pierre et Marie Curie, France
15:35-16:00	R09: Design of green aqueous two-phase system based on thermo-responsive polymer and bionic liquids	Ooi Chien Wei Monash University Malaysia, Malaysia
16:00-16:25	R10: Separation of metal ions by liquid-liquid extraction using alkyl-phosphonium ionic liquids as solvents	Mario Avila-Rodriguez Universidad de Guanajuato, Guanajuato, México
17:00	Dinner & Social	

Friday November 11th

Room: River I

Session: Structures, Interfaces and Interactions in Ionic Liquids I Chair: Koji Fukao

9:00-9:25	R11: Dynamic heterogeneity and density scaling of supercooled ionic liquids	Andrzej Grzybowski University of Silesia, Poland
9:25-9:50	R12: Microscopic origin for hysteretic potential dependence of interfacial structure of ionic liquids near metal electrodes	Kenta Motobayashi Nagoya Institute of Technology, Japan
9:50-10:10	Session Break	
Session: Structures, Interfaces and Interactions in Ionic Liquids II Chair: Andrzej Grzybowski		
10:10 -10:35	R13: Phase transition and dynamics in ionic liquid crystals,	Koji Fukao Ritsumeikan University, Japan
10:35-11:00	R14: local structure and flow properties of ionic liquids on surfaces	James R. T. Seddon University of Twente, The Netherlands
11:30	Lunch Break	

Friday November 11th
Room: River I

Session: Structures, Interfaces and Interactions in Ionic Liquids Chair: **Kenta Motobayashi**

14:00-14:25	R15:GHz oscillation of sub-nano meter Positronium bubble in Room Temperature Ionic Liquids	Tetsuya Hirade Japan Atomic Energy Agency/Ibaraki University, Japan
14:25-14:50	R16: Microscopic level mobility of ionic liquids constituents	Eugene Mamontov Oak Ridge National Laboratory, USA
14:50-15:15	R17: Conductivity of nanoscale ionic liquid thin films	Shingo Maruyama Tohoku University, Japan
15:15-15:35	Session Break	
15:35-16:00	Poster Session	
16:30	Dinner & Social	

Saturday November 12th

Room: River I

Session: Ionic Liquids as Nano-Ordered Solvents for Materials Design

Chair: Randriamahazaka Hyacinthe

9:00-9:25	R18: Interactions of ionic liquids with nanomaterials	Agilio Padua Blaise Pascal University, France
9:25-9:50	R19: Elastomer composites containing ionic liquids and carbon fillers	Martyna Pingot Lodz University of Technology, Institute of Polymer and Dye Technology, Poland
9:50-10:15	R20: Solvent extraction in ionic liquids: aggregation effects on extraction mechanisms	Sandrine Dourdain Institut de Chimie séparable de Marcoule (ICSM/LTSM), France
10:15-10:35	Session Break	
Session: Ionic Liquids and Polymers Chair: Agilio Padua		
10:35 -11:00	R21: Nearly Ideal Polymer Network Ion Gel Prepared in pH-Buffering Ionic Liquid and Its Application to CO ₂ Separation Membranes	Mitsuhiro Shibayama The University of Tokyo, Japan
11:00-11:25	R22: Redox Switching and Localized Electrochemistry of Immobilized Ionic Liquids	Randriamahazaka Hyacinthe Paris Diderot University, France
11:25-11:50	R23: Utilization of antibiotics mycelium in ionic liquids: dissolution and recovery	Qingfen Liu Chinese Academy of Sciences, China
12:00	Lunch Break	

Friday November 11th
15:35-16:00

Poster Session

P01: 4-Sulfonatocalix[n]arene-Promoted Self-assembly of Ionic Liquid Surfactants in Water	Laszlo Biczok Hungarian Academy of Sciences, Hungary
P02: Recovery of Rh(III) from aqueous solutions by liquid-liquid extraction coupled with electrodeposition using the trihexyl(tetradecyl) phosphonium bis (2-4-4 trimethylpentyl) phosphinate (ionic liquid)	Silvia Gutierrez Granados University of Guanajuato, Mexico
P03: Synthesis of tin-based nanoalloys in Ionic liquid media for negative electrode of lithium ion battery	Juliette Sirieix Plénet Université Pierre et Marie Curie, France

Sunday November 13th
8:00AM-6:00PM

One Day Excursion