
HU: Hokkaido University, Japan
NTU: National Taiwan University, Taiwan
CERMAV: Centre de Recherches sur les Macromolécules Végétales, France

Program Summary

Aug 5th, Friday, 2016
at Seminar Room 1, Frontier Research in Applied Sciences Building,
Faculty of Engineering, Hokkaido University

9:00—9:05 Opening Remarks Toshifumi SATOH (Hokkaido University, Japan)

9:05—9:35 Invited Lecture
II.01 Functionalized Inorganic Nanoporous Materials for Biofuel Production from Lignocellulosic Biomass
Kevin C.-W. WU (National Taiwan University, Taiwan)

9:35—9:50 Invited Lecture
II.02 Lignin Depolymerization using Water/organic Biphasic Solvent
Takuya YOSHIKAWA (Hokkaido University, Japan)

9:50—10:20 Invited Lecture
II.03 Recovery of Phenolic Compounds from Biomass-derived Lignin
Takao MASUDA (Hokkaido University, Japan)

10:20—10:35 Coffee Break

10:35—11:05 Invited Lecture (Special Guest)
II.04 Synthesis and Electrochemical Properties of Hierarchically Porous Zn(Co_{1-x}Mn_x)_{2}O_4 Anode for Li-Ion Batteries via Cation Substitution Design
Wei-Ren LIU (Chung Yuan Christian University, Taiwan)

11:05—11:35 Invited Lecture
II.05 Unique Monolithic Porous Carbons with a Tunable Hierarchical Pore System of Micro-, Meso- and Macropores
Shin MUKAI (Hokkaido University, Japan)
11:35—13:00 Luncheon meeting

13:00—13:30 Invited Lecture
II.06 Functional Materials by Self-Assembly of Cyclic Polymers
Takuya YAMAMOTO (Hokkaido University, Japan)

13:30—14:00 Invited Lecture
II.07 Carbohydrate-based block copolymer self-assemblies: Highly nanostructured thin films and DSA patterning
Redouane BORSALI
(CERMAV-CNRS and Grenoble Alpes University, France)

14:00—14:30 Invited Lecture
II.08 Sub-10 nm Scale Microphase-Separated Structures in Hybrid Block Copolymers
Toshifumi SATOH (Hokkaido University, Japan)

14:30—14:45 Coffee Break

14:45—16:15 Special Lecture for Hokkaido Summer Institute
II.09 Organic Materials for Electrical memory Device Applications
Wen-Chang CHEN (National Taiwan University, Taiwan)

16:15—16:30 Coffee Break

16:30—17:00 Invited Lecture
II.10 Inkjet Printed Conductive Thin Film Patterns
Ying-Chih LIAO (National Taiwan University, Taiwan)

17:00—17:30 Invited Lecture
II.11 Facile Synthesis of Various Shaped SnO Particles in Organic Medium
Mai Thanh NGUYEN and Tetsu YONEZAWA (Hokkaido University, Japan)

17:30— Closing Remarks Toshifumi SATOH (Hokkaido University, Japan)

18:30— Meeting at Sapporo Aspen Hotel