

Inorganic and Coordination Chemistry

Sep. 28 – Sep. 30, 2013

Room E

Chaired by Katsuhiko Kanaizuka (Yamaguchi Univ.), Hiroshi Sakiyama (Yamagata Univ.), Masato Kurihara (Yamagata Univ.), Norihisa Hoshino (Tohoku Univ.), and Tomoyuki Akutagawa (Tohoku Univ.)

Sep. 28 (Sat.)

9:00 – 10:30 **Chaired by Tomoyuki Akutagawa (Tohoku University)**

- 9:00 – 9:30 28E1 Masaaki Okazaki (Hirosaki University, Japan)
“Lewis Acid Chemistry of an Ethynyl Cation Semi-Stabilized by a Tetrairon Core”
- 9:30 – 9:50 28E2 Shinya Takaishi (Tohoku University, Japan)
“Syntheses of Covalent Molecular Clusters and their Secondary Expansion”
- 9:50 – 10:30 28E3 Li-Min Zheng (Nanjing University, China)
“Low-dimensional Magnetic Materials based on Metal Phosphonates: Tuning the Magnetic Behaviors via Weak Interactions”

10:30 – 10:40 Break

10:40-12:00 **Chaired by Shinya Takaishi (Tohoku University)**

- 10:40 – 11:20 28E4 Leroy Cronin (Glasgow University, U.K.)
“A New Theory for Inorganic-Self-Assembly via Nested Autocatalytic Templates and Autocatalytic Sets”
- 11:20 – 11:40 28E5 Masayuki Nihei (University of Tsukuba, Japan)
“Controlled Electron Transfers in Cyanide-Bridged Multi-Nuclear Complexes”
- 11:40 – 12:00 28E6 Kiyoshi Kanie (Tohoku University, Japan)
“Nanoparticle-Based Liquid-Crystalline Superlattice: Self-Assembling Nanoparticles with Dendrimeric Outer Corona”

13:00 – 14:30 **Chaired by Katsuhiko Kanaizuka (Yamagata University)**

- 13:00 – 13:40 28E7 Yu-Wu Zhong (Chinese Academy of Science, China)
“Electrochromism in Electropolymerized Films of Cyclometalated Ruthenium Complexes”
- 13:40 – 14:10 28E8 Masako Kato (Hokkaido University, Japan)
“Chromic Metal Complexes with Photofunctionality”
- 14:10 – 14:30 28E9 Shigeyuki Masaoka (Institute for Molecular Science, Japan)
“Water Oxidation Catalyzed by Metal Complexes”
- 14:30 – 14:40 Break

