

International Conferences - Plenary and Invited Lectures
A03 Group (2012)

Hiroaki Imai (Principal Investigator),
Professor, Department of Applied Chemistry, Faculty of Science and Technology,
Keio University

Eiji Hosono (Co-Investigator; Renkei-Kenkyusha)

Yuya Oaki (Co-Investigator; Renkei-Kenkyusha)

1. Hiroaki Imai and Yuya Oaki, “Mesocrystal Structures of Biological and Biomimetic Minerals: Building Unit for Complex Architectures and Host for Organic Molecules and Inorganic Ions”, 2012MRS Spring Meeting & Exhibit, San Francisco, California-USA, April 9-13, 2012.
2. Hiroaki Imai, “Microbial-Mineralization-Inspired Syntheses of Nanostructured Iron Oxides and Manganese Oxides with Controlled Crystal Phases”, The 3rd International Solvothermal & Hydrothermal Association Conference, Austin, Texas, USA, January 13-17, 2013.

Kiyofumi Katagiri (Principal Investigator)

Koji Tomita (Co-Investigators; Kenkyu-Buntansha)

Associate Professor, Graduate School of Engineering, Hiroshima University

1. Kiyofumi Katagiri, “Colloidal Hybrid Materials Incorporating Magnetic Nanoparticles for Biomedical Application”, The Second International Conference on Small Science (ICSS 2012), Orlando, FL, USA, December 16–19, 2012.
2. Kiyofumi Katagiri, “Stimuli-Responsive Smart Hybrid Capsules for On-Demand Delivery System”, 37th International Conference and Expo on Advanced Ceramics and Composites (ICACC’13), Daytona Beach, FL, USA, January 27-February 1, 2013.

Takayoshi Nakamura (Principal Investigator),

Professor, Research Institute for Electronic Science, Hokkaido University

1. T. Nakamura, M. Yoshitake, K. Kubo and S. Noro “Molecular Multiferroics Based on Supramolecular Rotators”, 8th IUPAC International Conference on Novel Materials and their Synthesis (NMS-VIII) & 22nd International Symposium on Fine Chemistry and Functional Polymers (FCFP-XXII), Xi’an, China, October 15, 2012.

Hiroto Nishihara (Principal Investigator)

**Associate Professor, Institute of Multidisciplinary Research for Advanced Materials,
Tohoku University**

1. Masashi Ito, Hiroto Nishihara, Takashi Kyotani, “Reversible Hydrogen Storage by Spillover”, International Symposium on Metal-Hydrogen Systems 2012, Kyoto, Japan, October 24, 2012.
2. Hiroto Nishihara, Takashi Kyotani, “Unique Structure of Zeolite Templated Carbon and Its Performance as an Energy Storage Medium”, International Conference on Emerging Advanced Nanomaterials – 2012, Brisbane, Australia, October 25, 2012.

Hideki Sakai (Principal Investigator)

Professor, Faculty of Science and Technology, Tokyo University of Science

1. Hideki Sakai, “Photo-Switchable Surfactant Solutions”, ACS Colloids and Surfaces 2012 Symposium, Baltimore, USA, June 12, 2012.
2. Hideki Sakai, Kenichi Sakai, Masahiko Abe, “Development of Novel Photo-Switchable Surfactant”, World Congress on Oleo Science & 29th ISF Congress, Sasebo, October 2, 2012.

Yoshihiro Sasaki (Principal Investigator)

Associate Professor, Department of Polymer Chemistry, Graduate School of Engineering, Kyoto University

1. Yoshihiro Sasaki, Setsuko Yamane, Shin-ichi Sawada, Kazunari Akiyoshi, “Hybrid Organic-Inorganic Polysaccharide Nanogels toward Biomedical Applications”, KIFEE-Symposium 2012, Trondheim, Norway, September 9-12, 2012.
2. Yoshihiro Sasaki, “Nano-Tubulation of Surface Immobilized Liposomes for Networked Artificial Cell Membrane”, The 6th International Workshop on Advanced Materials Science and Nanotechnology (IWAMSN 2012), Ha Long City, Vietnam, October 30-November 2, 2012.

Teruyuki Nakato (Principal Investigator)

**Professor, Department of Applied Chemistry, Graduate School of Engineering,
Kyushu Institute of Technology**

1. Teruyuki Nakato, Yoshihiro Nono, Daisuke Yamaguchi, “Liquid Crystals of Inorganic Nanosheets: Generation, Structure, and Properties”, NanoThailand 2012, Khon Kaen University, Khon Kaen, Thailand, April 9, 2012.

Miki Hasegawa (Principal Investigator)

Professor, Department of Chemistry and Biological Science, Aoyama Gakuin University

1. Miki Hasegawa, “New Aspects of Luminescence of Lanthanide Complexes in the Molecular Aggregation Film”, 7th International Symposium on High-Tech Polymer Materials, Xi'an, China, June 17-20, 2012.
2. Miki Hasegawa, “New Aspects of Emissive Rare Earth Complexes with the Molecular Film”, Formation”International Symposium on Rare Earths 2012 in Okinawa for the 30th Anniversary of The Rare Earth Society of Japan, Naha, Japan, November 7-9, 2012.

Masanori Ozaki (Principal Investigator)

Professor, Department of Electrical, Electronic and Information Engineering, Osaka University

1. Masanori Ozaki, Yo Inoue and Hiroyuki Yoshida, “Electrooptic and Lasing Characteristics in Chiral Liquid Crystal and Polymer Composite Systems”, The 6th Japanese-Italian Workshop on Liquid Crystals, Tokyo University of Science, Tokyo, Japan, July 25-27, 2012.
2. Masanori Ozaki, “Solution Processable Phthalocyanine-Based Solar Cell with High Performance”, Fundamentals and Applications of Nanophotonics, Photovoltaics and Bio-Photonics, Rabat, Morocco, March 7-8, 2013.

Tetsuya Tsuda (Principal Investigator)

Assistant Professor, Department of Applied Chemistry, Osaka University

1. Susumu Kuwabata, Akihito Imanishi, Tsukasa Torimoto and Tetsuya Tsuda, “Use of Ionic Liquid as a New Medium under Vacuum Conditions”, 222nd the Electrochemical Society Meeting, Honolulu, USA, October 12, 2012.
2. Susumu Kuwabata, Tetsuya Tsuda, Akihito Imanishi and Tsukasa Torimoto, “Development of New Vacuum Technologies Using Ionic Liquid”, Japan-Taiwan Bilateral Workshop on Nano-Science 2012, Osaka, Japan, December 6, 2012.

Takashi Miyata (Principal Investigator)

Professor, Department of Chemistry and Materials Engineering, Faculty of Chemistry, Materials and Bioengineering, Kansai University

1. Takashi Miyata, “Biologically Stimuli-Responsive Hydrogels That Recognize Target Biomolecules”, CIMTEC 2012 - 4th International Conference “Smart Materials, Structures and Systems”, Montecatini Terme, Italy, June 13, 2012.
2. Takashi Miyata, “Biologically Stimuli-Responsive Hydrogels with Dynamic Crosslinks Innovations in Polymers And (bio)Materials”, A Symposium on the Future of Biomaterials to Celebrate Allan Hoffman’s 80th Birthday, Maui, Hawaii, USA , December 17, 2012.

Yutaka Takaguchi (Principal Investigator)

Associate Professor, Graduate School of Environmental Science, Okayama University

1. *Yutaka Takaguchi, “Synthesis and Property of Hexathiapentacene Having Dendritic Wedges”, The 3rd Tsukuba International Mini-Symposium on Hybridization between Main Group Element Chemistry and π -Electron Chemistry, Tsukuba, Japan, May 18, 2012.