

**International Conferences - Plenary and Invited Lectures**  
**A03 Group (2011)**

**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, Shinnosuke Okada, Jun Komotori, and Yuya Oaki, “Synthesis of Various Nanostructured Hydroxyapatites and Its Application to Control of Cellular Activity”, 12th International Conference in Asia (IUMRS-ICA 2011), Taipei, Taiwan, September 19, 2011.
2. Yuya Oaki, “Principles and Results Related to Biomimetic Crystal Design”, 2011 Japan-America Frontiers of Engineering Symposium, Osaka, Japan, June 7, 2011.
3. Hiroaki Imai, Misako Kijima, and Yuya Oaki, “Repairing and Replication of Mesocrystals in Biominerals”, The 12th International Symposium on Biomimetic Materials Processing (BMMP-12), Nagoya, Japan, January 26, 2012.

**Kiyofumi Katagiri (Principal Investigator)**

**Koji Tomita (Co-Investigators; Kenkyu-Buntansha)**

**Associate Professor, Graduate School of Engineering, Hiroshima University**

1. Yusuke Daiko, Tetsuo Yazawa, Hiroyuki Muto, Atsunori Matsuda, and Kiyofumi Katagiri, “Nanocoatings and 3D Architectures Prepared via Layer-by-Layer Self-Assembly”, Asian International Symposium -Materials Chemistry-, The 92nd Annual Meeting of The Chemical Society of Japan, Yokohama, Japan, March 26, 2012.
2. Koji Tomita, “Polymorphs and Morphology Control of Photo-functional Materials by Soft-solution Processing”, Nanotechnology for Advanced Materials Symposium, September 23, 2011, National Cheng Kung University, Taiwan.

**Yukikazu Takeoka (Principal Investigator)**

**Associate Professor, Department of Molecular Design & Engineering, Nagoya University**

1. Yukikazu Takeoka, “Structural Colored Soft Materials without Angle Dependence”, Natural Photonic Structures in Shanghai, China, Jun 3, 2011.

**Takayoshi Nakamura (Principal Investigator),**

**Professor, Research Institute for Electronic Science, Hokkaido University**

1. T. Nakamura, “Organic - Inorganic Hybrid Systems toward”Dynamic” Functional Materials”, 1<sup>st</sup> Discussion Symposium on ‘Inorganic Biology and Protocells: Engineering Artificial Life’, Glasgow, UK, September 13, 2011.
2. T. Nakamura, “Ferroelectrics and Multiferroics based on Supramolecular Rotators”, the third RIES-CIS Symposium, Hsinchu, Taiwan, October 28, 2011.

**Hiroto Nishihara (Principal Investigator)**

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

1. Hiroto Nishihara, Hiroyuki Itoi, Shinichiroh Iwamura, Takashi Kyotani, “Nanocarbons for energy storage applications”, ISPlasma 2012, Nagoya, March 6, 2012.

**Yoshihiro Sasaki (Principal Investigator)**

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

1. Yoshihiro Sasaki, “Self-assembled Liposomal Array for Biochip Applications”, International Symposium on Integrated Molecular/Materials Engineering, Beijing, China, June 8, 2011.

**Miki Hasegawa (Principal Investigator)**

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

1. Miki Hasegawa, “New Aspect of Polarized Photo-emission of Rare Earth Complexes in Molecular Thin Film”, 4<sup>th</sup> International Symposium on Photoluminescence of Rare Earths: Photonic Materials and Devices 2012 (Kyoto, Kyoto, March 28 – 30, 2012).
2. Miki Hasegawa, “New Aspect of Lanthanide Emission”, Pre-Symposium of The 1st International Symposium on Fusion Materials Program, (Tokyo, Japan, October 14, 2011).

**Masanori Ozaki (Principal Investigator)**

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

1. M. Ozaki, H. Yoshida, S. Yabu, Y. Tanaka, Y. Ogawa, A. Fujii, N. Uehara and †H. Kikuchi, “Nanoparticle-dispersed Cholesteric Blue Phase and its Electro-optic and Photonic Applications”, SPIE Optics+Photonics, Liquid Crystals XV, San Diego, California, USA, August 21-25, 2011. †A02 Group 研究代表者, A02
2. Masanori Ozaki, “Solution-processed Bulk-heterojunction Solar Cell based on Liquid Crystalline Phthalocyanine”, 1st International Symposium on Self-Organizing Molecular Semiconductors, Tokyo, February 22, 2012.

**Tetsuya Tsuda (Principal Investigator)**

**Assistant Professor, Department of Applied Chemistry, Osaka University**

1. Tetsuya Tsuda, Masahiro Baba, Kazuhiko Matsumoto, Rika Hagiwara, and Susumu Kuwabata, “Electrochemical Soft Actuator Using Soft Material Derived from Room-Temperature Ionic Liquid”, The Electrochemical Society 220<sup>th</sup> Meeting, Electrochemical Capacitors: Fundamentals to Applications, Boston (MA), USA, October 11, 2011.
2. Tetsuya Tsuda, “Electrochemical Soft Actuator Using Ionic Liquid-Based Fusion Materials”, The First International Symposium on Fusion Materials, Toba (Mie), Japan, October 18, 2011.
3. Tetsuya Tsuda, Noriko Nemoto, Eiko Mochizuki, Shoko Kishida, and Susumu Kuwabata, “Ionic Liquid-Based SEM Observation Technique for Biological Specimens”, The 12th International Symposium on Biomimetic Materials Processing (BMMP-12), Nagoya (Aichi), Japan, January 25, 2012.

**Yutaka Takaguchi (Principal Investigator)**

**Associate Professor, Graduate School of Environmental Science, Okayama  
University**

1. \*Yutaka Takaguchi, “Synthesis and Photoproperties of Nanohybrids Based on Nanocarbon Materials”, JSPS-UDS Joint Seminar, Strasbourg, France, March 20, 2012.