

International Conferences - Plenary and Invited Lectures
A01 Group (2013)

Masato Kakihana (Principal Investigator)

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

Makoto Kobayashi (Co-Investigator; Renkei-Kenkyusha)

1. Makoto Kobayashi, Hideki Kato and Masato Kakihana, “Morphological Control of Titanium Dioxide Nanocrystals by Solvothermal Method Employing Water-Soluble Titanium Complexes”, The 2013 Collaborative Conference on Crystal Growth (3CG), Cancun, Mexico, June 10-13, 2013.
2. Makoto Kobayashi, Hideki Kato and Masato Kakihana, “Application of Water-Soluble Titanium Complexes for Synthesis of Titanium Dioxide with Controlled Structures”, 12th International Conference on Ceramic Processing Science (ICCP-12), Portland, USA, August 4-7, 2013.
3. Masato Kakihana, Yasushi Sato, Makoto Kobayashi, Hideki Kato, Takaki Masaki and Dae-Ho Yoon, “Exploration of New Phosphors Using a Mineral-Inspired Approach in Combination with Solution Parallel Synthesis”, International Symposium for Phosphor Materials & Crystal Growth 2013 (Phosphor Safari 2013), Jeju, Korea, October 20-22, 2013.
4. Yasushi Sato, Hideki Kato, Makoto Kobayashi, Takaki Masaki, Dae-Ho Yoon and Masato Kakihana, “Luminescence Properties of a Red Phosphor, $\text{Ca}_2\text{SiO}_4:\text{Eu}^{2+}$, for White Light-Emitting Diodes”, International Symposium for Phosphor Materials & Crystal Growth 2013 (Phosphor Safari 2013), Jeju, Korea, October 20-22, 2013.

Takashi Kato (Principal Investigator)

Professor, Department of Chemistry and Biotechnology, School of Engineering, The University of Tokyo

Tatsuya Nishimura (Co-Investigator; Renkei-Kenkyusha)

Takeshi Sakamoto (Co-Investigator; Renkei-Kenkyusha)

1. Takashi Kato, “Nanostructured Liquid Crystals Exhibiting Photonic and Ionic Functions”, 245th ACS National Meeting, New Orleans, USA, April 8, 2013.
2. Takashi Kato, “Mechanochromic Luminescent Liquid-Crystalline Assemblies”, 15th Asian Chemical Congress 2013, Singapore, August 23, 2013.
3. Takashi Kato, “Mechanochromic Photoluminescent Liquid Crystals Optics of Liquid Crystals 2013, Honolulu, USA, October 3, 2013.
4. Tatsuya Nishimura, Takashi Kato, “Development of Organic/Inorganic Hybrids by

- Using Macromolecular Templates”, 10th Asia-Pacific Chitin & Chitosan Symposium, Yonago, October 6, 2013.
5. Takashi Kato, “Nanostructured Functional Liquid-Crystalline Assemblies Exhibiting Ionic, Photonic, and Environmental Functions”, International Symposium on Advanced Soft Materials, Sapporo, October 19, 2013.
 6. Takashi Kato, “Development of Hybrid Materials Inspired by Biomineralization: Morphology Control with Macromolecular Templates”, Composites At Lake Louise 2013, Alberta, Canada, November 3, 2013.
 7. Takashi Kato, “Stimuli-Responsive Photoluminescent Liquid Crystalline Assemblies”, Pacific Polymer Conference 2013 (PPC2013), Kaohsiung, Taiwan, November 20, 2013.
 8. Takashi Kato, “Nanostructured Liquid-Crystalline Assemblies Exhibiting Photonic, Electronic, and Ionic Functions”, Asian European Symposium on Organic Optoelectronics, Beijing, China, December 9, 2013.
 9. Takashi Kato, “Development of Functional Materials Based on Molecular Technology”, CEMS International Symposium on Supramolecular Chemistry and Functional Materials 2013, Tokyo, December 17, 2013.

Hiroki Nada (Principal Investigator)

Senior Researcher, Research Institute for Environmental Management and Technology, National Institute of Advanced Industrial Science and Technology

Gen Sasaki (Co-Investigator; Renkei-Kenkyusha)

1. Hiroki Nada, “Structure of Amorphous CaCO_3 Precursor and its Relationship to Polymorphs: Atomistic Simulation Study”, The Collaborative Conference on Crystal Growth 2013, Cancun, Mexico, June 10, 2013.

Atsushi Yoshizawa (Principal Investigator)

Professor, Department of Frontier Materials Chemistry, Hirosaki University

1. Atsushi Yoshizawa, “Amorphous Blue Phase III Exhibiting Hysteresis-Free Switching”, 13th International Meeting on Information Display, EXCO, Daegu, Republic of Korea, 27 August, 2013.
2. Atsushi Yoshizawa, “Molecular Design of Blue Phase Materials for Display Devices”, 15th Topical Meeting on Optics of Liquid Crystals, Ala Moana Hotel, Honolulu, Hawaii, USA, 3 October, 2013.

Atsushi Shimojima (Principal Investigator)

Associate Professor, Faculty of Science and Engineering, Waseda University

1. Atsushi Shimojima, “Porous Hybrid Networks Assembled from Cage-Type Siloxanes and Organic Linkers”, 1st International Conference on Nanomaterials & Applications (NANOAPP2013), Portoroz, Slovenia, September 23, 2013.
2. Atsushi Shimojima, “Synthesis and Applications of Organically Modified Porous Siloxane Nanoparticles”, Pure and Applied Chemistry International Conference 2014 (PACCON2014), Khon Kaen, Thailand, January 8, 2014.

Kenji Higashiguchi (Principal Investigator)

Assistant Professor, Department of Synthetic Chemistry and Biological Chemistry, Graduate School of Engineering, Kyoto University

1. Kenji Higashiguchi, “Photocontrol of Solvent-Responsive Structural Colored Balloons”, International Symposium on Green Photonics for Efficient: Photon-Harvesting Materials and Reactions (ISGP 2014), Nara, Japan, February 26, 2014.
2. Kenji Higashiguchi, “Solvent-Responsive Structural Colored Balloons”, The 3rd International Kyoto Symposium on Organic Nanostructures (IKSON 3rd), Kyoto, Japan, November 7, 2013.

Satoshi Horike (Principal Investigator)

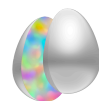
Assistant Professor, Graduate School of Engineering, Kyoto University

1. Satoshi Horike, “Design of Proton Conductive Pathways in Coordination Polymers”, UK-Japan Workshop on Organic-Inorganic Framework Materials, Kyoto, Japan, Oct. 10-11, 2013.
2. Satoshi Horike, “Anhydrous proton Conductive Coordination Frameworks”, 2013 MOF Young Investigators’ Symposium, Fudan University, Shanghai, China, May 12-14, 2013.

Yasuhiro Morisaki (Principal Investigator)

Lecturer, Department of Polymer Chemistry, Graduate School of Engineering, Kyoto University

1. Yasuhiro Morisaki, “Synthesis of π -Electron-System-Layered Polymers”, 2nd International Congress on Advanced Materials (AM2013), Zhenjiang, China, May 16-19, 2013.



Kazunori Matsuura (Principal Investigator)

Professor, Graduate School of Engineering, Tottori University

1. Kazunori Matsuura, “Development of Self-Assembled Synthetic Viral Capsids”, Seminar on Green Sustainable Chemistry in Tottori 2013-3, Tottori University, Jan. 30, 2014.

Akira Shigenaga (Principal Investigator)

1. Akira Shigenaga, “SEAlide as Thioester Equivalent for Chemical Synthesis of Proteins”, 4th Modern Solid Phase Peptide Synthesis & Its Application Symposium, Maiko Villa, Kobe, Nov. 2-4, 2013.
2. Akira Shigenaga, “Development of Stimulus-Responsive Amino Acid and its Application to Chemical Biology”, International Symposium for the 70th Anniversary of the Tohoku Branch of the Chemical Society of Japan, Tohoku University, Sendai, Sep. 28-30, 2013.