

**International Conferences - Plenary and Invited Lectures**  
**A02 Group (2013)**

**Sadahito Aoshima (Principal Investigator)**

**Shokyoku Kanaoka (Co-Investigator; Renkei-Kenkyusha)**

**Arihiro Kanazawa (Co-Investigator; Renkei-Kenkyusha)**

**Professor, Department of Macromolecular Science, Graduate School of Science,  
Osaka University**

1. Sadahito Aoshima, Arihiro Kanazawa, and Shokyoku Kanaoka, “Synthesis of Stimuli-Responsive Alternating or Block Copolymers via Living Cationic Polymerization”, The 246th American Chemical Society National Meeting, Indianapolis, Indiana, USA, September 8-12, 2013.
2. Shokyoku Kanaoka, Mayuka Yamada, Ryohei Kimura, Arihiro Kanazawa, and Sadahito Aoshima, “One-Step Synthesis of Star and Block Polymers by Monomer-Selective Sequential Living Cationic Polymerization”, IUPAC International Symposium on Ionic Polymerization 2013 (IP 2013), Awaji Yumebutai International Conference Center, Awaji, Hyogo, Japan, September 23-28, 2013.

**Hirotsugu Kikuchi (Principal Investigator)**

**Hiroshi Higuchi (Co-Investigator; Renkei-Kenkyusha)**

**Professor, Institute for Materials Chemistry and Engineering, Kyushu University**

1. Hirotsugu Kikuchi, Hiroki Higuchi and Yasushi Okumura, “Polymer-Stabilized Blue Phases for Electro-Optical Device Applications”, Korea-Japan Joint Symposium: Frontier Molecular Assembly and Liquid Crystal Technology, Daejeon, Korea, April 12, 2013.
2. Munehiro Kimura, Norihiro Nagumo, Thet Naing Oo, Hirotsugu Kikuchi and Tadashi Akahane, “Bendable Display Device Using Polymer-Stabilized Blue Phase Liquid Crystal”, 20th International Workshop on Active-Matrix Flatpanel Displays and Devices: TFT Technologies and FPD Materials, AM-FPD 2013, Kyoto, Japan, July 2-5, 2013.
3. Hirotsugu Kikuchi, Yasushi Okumura and Hiroki Higuchi, “Liquid Crystal Blue Phases for Applications to Electro-Optics”, GDCh-Wissenschaftsforum Chemie 2013, Darmstadt, Germany, September 1-4, 2013.
4. Hirotsugu Kikuchi, Yasushi Okumura and Hiroki Higuchi, “Lattice Structure and Optical Properties of Liquid Crystal Blue Phases”, Optics of Liquid Crystals 2013, Honolulu, USA, September 29 - October 4, 2013.

5. Hirotsugu Kikuchi, Hiroki Higuchi and Yasushi Okumura, “Structures and Properties of Liquid Crystal Blue Phases”, 2013 Kyushu-Seibu/Pusan-Kyeongnam Joint Symposium on High Polymers (16<sup>th</sup>) and Fibers (14<sup>th</sup>), Saga, Japan, November 8-10, 2013.
6. Hirotsugu Kikuchi, Yasushi Okumura and Hiroki Higuchi, “Phase Behavior and Electro-Optic Effect of Nano-Latticed Liquid Crystals”, The 17<sup>th</sup> SANKEN International Symposium Joined with The 2<sup>nd</sup> International Symposium Nano-Macro Materials, Devices, and System Research Alliance Project, Ibaraki, Japan, January 21-22, 2014.

**Atsushi Arakaki (Principal Investigator)**

**Associate Professor, Division of Biotechnology and Life Science, Institute of Engineering, Tokyo University of Agriculture and Technology**

1. Atsushi Arakaki, Masayoshi Tanaka and Tadashi Matsunaga, “Understanding of Biomineralization in Magnetotactic Bacteria toward Designed Synthesis of Iron Oxide Nano-Particle”, The 11<sup>th</sup> International Conference on Ferrites (ICF 11), Okinawa, Japan, April 16, 2013.

**Kazuki Sada (Principal Investigator)**

**Professor, Department of Chemistry, Graduate School of Science, Hokkaido University**

1. Kazuki Sada, “Cross-Linking of Metal Organic Frameworks”, Frontier Chemistry Center The 2<sup>nd</sup> International Symposium ”Advanced Materials Science”, Hokkaido University, Sapporo, Japan, December 9-10, 2013.

**Jiro Kumaki (Principal Investigator)**

**Professor, Graduate School of Science and Engineering, Yamagata University**

1. Yuma Takanashi, Takahiro Anzai, and Jiro Kumaki, “High-Resolution Atomic Force Microscopy of Two-Dimensional Folded Chain Crystals of Isotactic Poly(methyl methacrylate)s. Melting Behavior”, International Discussion Meeting on Polymer Crystallization 2013 (IDMPC2013), COOP-IN, Kyoto, Japan, July 1-4, 2013.

**Tohru Sekino (Principal Investigator)**

**Professor, The Institute of Scientific and Industrial Research (ISIR), Osaka University**

1. Tohru Sekino, Hiroki Tsukamoto, Tae-Ho Kim, Soo Wahn Lee, Shun-Ichiro Tanaka, “Enhanced Molecular Adsorption and Photocatalytic Properties of Titania Nanotubes by Cation Doping”, 38th International Conference and Exposition on Advanced Ceramics and Composites (ICACC’14), Daytona Beach Florida, USA, January 26-31, 2014.
2. Tohru Sekino, “Low-Dimensional Oxide Nanomaterials-Design, Structure and Multifunctions for Sustainable Eco-Society”, The 15<sup>th</sup> International Symposium on Eco-materials Processing and Design (ISEPD2014) , Hanoi, Vietnam, January 12-15, 2014.
3. Tohru Sekino, Koki Kaga, Se-Hoon Kim, Hisataka Nishida, Yoshitomo Honda, Koh-Ichi Kuremoto, Shun-Ichiro Tanaka, “Synthesis of Oxides Nano-Architecture on Ti-Based Metal Surfaces by Solution Chemical Route and their Biocompatibility, The 30<sup>th</sup> International Japan-Korea Seminar on Ceramics (J-K Ceramics 30), Kitakyushu, Fukuoka, Japan, November 20-23, 2013.
4. T. Sekino, S.-H. Kim, T.-H. Kim, S. W. Lee, S.-I. Tanaka, “Development of Low-Dimensional Nanocomposites Based on Titania Nanotubes and their Multi-Functions”, The 4<sup>th</sup> International Symposium on Advanced Ceramics and Technology for Sustainable Energy Applications toward a Low Carbon Society (ACTSEA2014) , Taipei, Taiwan, November 10-13, 2013.
5. T. Sekino, S.H. Kim, H. Tsukamoto, T. H. Kim, S. W. Lee, S.-I. Tanaka, “Nanostructure Modification of Titania Nanotubes and their Physicochemical Functions, IUPAC 9th International Conference on Novel Materials and Synthesis (NMS-IX) , Fudan University, Shanghai, China, October 17-22, 2013.
6. Tohru Sekino, Hiroki Tsukamoto, Se-Hoon Kim, Tae Ho Kim, Soo Wahn Lee, Shun-Ichiro Tanaka, “Modification and Photochemical Multifunctionalities of Titania Nanotubes”, Materials Science & Technology 2013 Conference & Exhibition (MS&T-13) , Montreal, Quebec, Canada, October 27-31, 2013.
7. Tohru Sekino, Hiroki Tsukamoto, Sehoon Kim, Tae-Ho Kim, Soo Wahn Lee, Shun-Ichiro Tanaka, “Tuning of Titania Nanotubes for Environmental and Energy Applications”, The 9th World Congress of Chemical Engineering incorporating 15th Asia Pacific Confederation of Chemical Engineering Congress (WCCE9) , Seoul, Korea, August 18-23, 2013.
8. Tohru Sekino, “Structure Tuning of Titania Nanotubes and their Environmental and Energy Multifunctions”, The 7th International Conference on Materials for Advanced Technology (ICMAT2013), Singapore, June 30-July 5, 2013.

**Ko Okumura (Principal Investigator)**

**Professor, Department of Physics, Ochanomizu University**

1. Ko Okumura, “Simple Views on the Dynamics of Fluids in Confined Space”, Workshop on Cross Correlation & Transport Phenomena in Soft Matter, Waseda University, Jan 27-28, 2014.
2. Ko Okumura, “Strength and Toughness of Helical Fusion Materials Inspired by the Exoskeleton of Lobsters”, 2nd Special Fusion Materials Meeting, in Honor of the Visit of Nico Sommerdijk & Fiona Meldrum, The Univ. of Tokyo, 27-28 Oct 2013.
3. Ko Okumura, “Scaling Views on the Strength of Biocomposites”, Workshop on High-Toughness Materials, Tokyo Univ. (Hongo), September 4, 2013.

**Kotaro Satoh (Principal Investigator)**

**Associate Professor, Graduate School of Engineering, Department of Applied Chemistry, Nagoya University**

1. Kotaro Satoh and Masami Kamigaito, “Transition Metal-Catalyzed Step-Growth and Living Radical Polymerizations for Tailored Polymeric Structures”, 3rd Federation of the Asian Polymer Societies (FAPS) and MACRO 2013, Bangalore, India, May 15-18, 2013.
2. Kotaro Satoh and Masami Kamigaito, “Sequence-Controlled Vinyl Polymers by Transition Metal-Catalyzed Step-Growth and Living Radical Polymerizations”, XXII International Materials Research Congress 2013, Cancun, Mexico, August 11-15, 2013.
3. Kotaro Satoh and Masami Kamigaito, “Transition Metal-Catalyzed Step-Growth Radical Polymerization for Various Sequence-Regulated Vinyl Polymers”, 246th ACS National Meeting and Exposition, Indianapolis, USA, September 8-12, 2013.
4. Kotaro Satoh and Masami Kamigaito, “Living Cationic and Radical Polymerizations by Reversible Activation of C-S Bond”, IUPAC International Symposium on Ionic Polymerization 2013, Awaji, Japan, September 23-28, 2013.

**Yoshinori Takashima (Principal Investigator)**

**Assistant Professor, Department of Macromolecular Science, Graduate School of Science, Osaka University**

1. Yoshinori Takashima, “Stimuli Responsive Supramolecular Materials Formed from Host and Guest Polymers”, China-Japan Joint Symposium on Functional Supramolecular Architectures, Soochow Univ., Suzhou, China, Oct. 25th - Oct.28th,

2013.

**Toshiki Miyazaki (Principal Investigator)**

**Associate Professor, Graduate School of Life Science and Systems Engineering,  
Kyushu Institute of Technology**

1. Toshiki Miyazaki, “Organic-Inorganic Interaction in Magnetite-Polymer Composites”, Composites at Lake Louise 2013, Nov. 4, 2013.
2. Toshiki Miyazaki, “Apatite-Polypeptide Hybrids as Novel Biomaterials”, THERMEC2013, Dec. 2, 2013.

**Kunio Ishikawa (Principal Investigator)**

**Professor, Department of Biomaterials, Faculty of Dental Science, Kyushu University**

1. Kunio Ishikawa, “Carbonate Apatite Bone Replacement”, 25th Symposium and Annual Meeting of the International Society for Ceramics in Medicine, Bucharest, Romania, November 7-11, 2013.
2. Kunio Ishikawa, “Carbonate Apatite: Effect of PLGA Composite on Mechanical Properties and Tissue Response”, The 13th Asian BioCeramics Symposium in conjunction with The 17th Symposium on Ceramics in Medicine, Biology and Biomimetics, Kyoto, Japan, December 4-6, 2013.
3. Kunio Ishikawa, “Biomaterials for Phase 3”, The 6th AUN/SEED-Net Regional Conference on Materials Engineering, Kyoto Japan, February 3-4, 2014.
4. Kunio Ishikawa, “Recent Advances and Invitation to Biomaterials research”, Biomaterials Seminar USM, Penang, Malaysia, February 19, 2014.