International Conferences - Plenary and Invited Lectures
A03 Group (2013)

Hrioaki Imai (Principal Investigator),
Professor, Department of Applied Chemistry, Faculty of Science and Technology, Keio Universit
Eiji Hosono (Co-Investigator; Renkei-Kenkyusha)
Yuya Oaki (Co-Investigator; Renkei-Kenkyusha)

1. Hiroaki Imai, "Bioinspired Techniques and Mesoscale and Microscale Hierarchical Assembly", 12th International Conference on Ceramic Processing Science (ICCPS-12), Portland, Oregon, USA, August 4-7, 2013.
2. Hiroaki Imai, "Bioinspired Mineralization: Branching Growth and Oriented Attachment", 17th International Conference on Crystal Growth and Epitaxy ICCGE-17, Warsaw, Poland, August 11-16, 2013.
3. Hiroaki Imai, "Synthesis and Application of Bio-Inspired Mesocrystals", 2013 NIMS CONFERENCE Structure Control of Atomic/Molecular Thin Films and Their Applications, Tsukuba International Congress Center, Tsukuba, July 2, 2013.

Kiyofumi Katagiri (Principal Investigator)
Koji Tomita (Co-Investigators; Kenkyu-Buntansha)
Associate Professor, Graduate School of Engineering, Hiroshima University

1. K. Katagiri, "Nanohybrid Materials Formed with Hydrophobized Inorganic Nanoparticles for Practical Applications", Asian International Symposium -Colloid and Surface Chemistry-, The 94th Annual Meeting of The Chemical Society of Japan, Nagoya, Japan, March 28, 2014.
2. K. Katagiri, "Nanoparticle-Based Colloidal Hybrids for Biomedical Applications", 10th Pacific Rim Conference on Ceramic and Glass Technology (PACRIM 10), San Diego, CA, USA, June 1-7, 2013.

Yukikazu Takeoka (Principal Investigator)
Associate Professor, Department of Molecular Design & Engineering, Nagoya University

1. Y. Takeoka, "Producing Coloured Pigments with Amorphous Arrays of Black and White Colloidal Particles", Façade Coatings and Plasters in European Coatings Conferences, Dusseldorf, Germany, October 2013.
2. Y. Takeoka, "Producing Coloured Pigments with Amorphous Arrays of Black and

White Colloidal Particles", International Seminar on Application of Novel Functional Materials to be organized by Department of Chemistry, University of Dhaka, Dhaka, Bangladesh, Dec. 14, 2013.

Hirotomo Nishihara (Principal Investigator)
Associate Professor, Institute of Multidisciplinary Research for Advanced Materials, Tohoku University

1. Hirotomo Nishihara, Takashi Kyotani, "Synthesis of Ordered Porous Carbon and its Application to Energy Fields", 8th International Mesostructured Materials Symposium (IMMS 2013), May 21, 2013.
2. Hirotomo Nishihara, "Energy Storage in Nanocarbons and Nanocomposites", International Symposium for the 70th Anniversary of the Tohoku Branch of the Chemical Society of Japan, Sept. 28, 2013.
3. Aurora Gallardo-Fuentes, Ramiro Ruiz-Rosas, Raul Berenguer, Emilia Morallón, Diego Cazorla-Amorós, Hirotomo Nishihara, Takashi Kyotani, Jose Rodríguez-Mirasol, Tomas Cordero, "Electrochemical Behavior of Activated Carbons with Phosphorous Surface Groups", XII Meeting of the Spanish Carbon Group (GEC13), Oct. 22, 2013.
4. Hirotomo Nishihara, "Template Carbonization for Advanced Nanomaterials", 4th Asian Conference on Coordination Chemistry (ACCC4), Nov. 5, 2013.
5. †Tetsuya Tsuda, Yuki Iwasaki, Masaki Yamagata, Hirotomo Nishihara, Masashi Ishikawa, Susumu Kuwabata, "Electrochemical Actuator with Ionic Liquid-Graphene-Polymer Composite Flexible Electrodes", 4th Asian Conference on Coordination Chemistry (ACCC4), Nov. 5, 2013.
   †A03 Group, Collaborative research.

Yukio Nagasaki (Principal Investigator)
Professor, Faculty of Pure and Applied Sciences, University of Tsukuba

1. Yukio Nagasaki, "Oral Redox Nanotechnology", 13th International Symposium on Biomimetic Materials Processing (BMMP-13), Takayama, Gifu, Jan. 25-26, 2013
2. Yukio Nagasaki, "Oral Redox Polymer Therapeutics", 16th International Symposium on Recent Advances in Drug Delivery, Salt Lake City, Utah, USA, Feb. 3-5, 2013.
3. Yutaka Ikeda, Yukio Nagasaki, "Novel PEGylation Technologies for the Developments of Next Generation Biopharmaceuticals", International Conference on Polymers on the Frontiers of Science and Technology (APA-2013), Chandigarh,

India, Feb. 21-23, 2013.

4. Yukio Nagasaki, "Redox Polymer Therapeutics", 2nd International Conference on Biomaterials Science in Tsukuba (ICBS2013), Tsukuba, Japan, Mar. 21, 2013.
5. Yukio Nagasaki, "Redox Polymer Therapeutics", 3rd Summer Symposium on Nanomaterials and their Application to Biology and Medicine, Poznan, Poland, Jun. 17, 2013.
6. Yukio Nagasaki, "Redox Polymer Therapeutics", 4th Asian Biomaterials Congress (ABMC4), Hong Kong, China, June 28, 2013.
7. Yukio Nagasaki, "Nanotechnology in, vivo: Redox Polymer Therapeutics, Special Session 'Riging Sun in Asia' ", 40th Annual Meeting & Exposition of the Controlled Release Society, Honolulu, USA, July 22, 2013.
8. Yutaka Ikeda, Yukio Nagasaki, "A Novel Protein PEGylation Chemistry", Tsukuba International Conference on Materials Science, University of Tsukuba, Tsukuba, Japan, Aug. 30, 2013.
9. Yukio Nagasaki, "Redox Polymer Therapeutics", European Materials Research Society, Warsaw University of Technology, Warsaw, Poland, Sep. 19, 2013.
10. Yukio Nagasaki, "Molecular Disign of Recox Nanotherapeutics", Polymers in Medicine and Biology 2013, American Chemical Society, Sonoma, USA, Oct. 11, 2013.
11. Yutaka Ikeda, Jinya Katamachi, Yukio Nagasaki, "Novel Chemistry for Protein PEGylation", The Latinfarma Havana 2013 Congress, Habana, Cuba, Oct. 21, 2013.
12. Yukio Nagasaki, "Materials Design for Redox Nanotherapeutics", The 11th International Nanomedicine and Drug Delivery Symposium (NanoDDS'13), La Jolla, California, USA, Oct. 26, 2013.

Hideki Sakai (Principal Investigator)

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

1. Hideki Sakai, Shohei Aikawa, Kaori Fukuda, Rekha Shrestha, Takeshi Endo, Kenichi Sakai, Masahiko Abe, "Development of Properties of Novel Photo-Cleavable Surfactants", 2013 AIChE Annual Meeting, San Francisco, USA, Nov. 4th, 2013.

Miki Hasegawa (Principal Investigator)

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

1. Miki Hasegawa, "Photo-Luminescence of Rare Earth Complexes in the Molecular

Films", The 18th Microoptics Conference, Tokyo Institute of Technology, Tokyo, Japan, October 27-30, 2013.

2. Miki Hasegawa, "New Aspects of Lanthanide Luminescence in Molecular Films", The 4th International Scientific Conference Applied Natural Sciences 2013, High Tatras, Slovak RP, October 2-4, 2013.
3. Miki Hasegawa, "New Aspects of Lanthanide Luminescence in Molecular Thin Films", International Congress for Innovatiion in Chemistry (PERCH-CIC Congress VIII), Pattaya Thailand, May 5-8, 2013.

Masanori Ozaki (Principal Investigator)
Professor, Department of Electrical, Electronic and Information Engineering, Osaka University

1. Masanori. Ozaki, Quang-Duy Dao, Hitoshi. Fukui, Shohei. Nakano, Takashi. Saito, Sigehiro. Ikehara, Masashi. Ohmori, Toshiya. Kamikado, Makoto. Yoneya, Yo Shimizu and Akihiko Fujii, "Solution Processable Solar Cell based on Mesogenic Phthalocyanine with Self-Organized Columnar Structure", 1st. Kansai Nanoscience and Nanotechnology International symposium, Life Science Center, Toyonaka, Osaka, Feburuary 3-4, 2014.
2. Masanori Ozaki, Yo Inoue, Hoekyung Kim and Hiroyuki Yoshida, "Micro-Second Electro-Optic Switching in Liquid Crystal Film with Nano-Pore Filled with Liquid Crystal", The 13th International Meeting on Information Display (IMID 2013), Daegu, Korea, August 26-29, 2013.
3. Masanori Ozaki, Yo Inoue, Hoekyung Kim and Hiroyuki Yoshida, "Micro-Second Electro-Optic Modulation in Photo-Polymerized Liquid Crystal Films Containing Nano-Size Liquid-Crystal Droplets", 15th Topical Meeting on the Optics of Liquid Crystals (OLC2013), Ala Moana Hotel, Hawai, USA., September 29 - October 4, 2013.

Takeshi Nagasaki (Principal Investigator)
Professor, Department of Applied Chemistry and Bioengineering, Graduate School of Engineering, Osaka City University

1. Takeshi Nagasaki, "Origin of Double Targeting Concept is Molecular Machinery: Photoresponsive Gene Carrier And Boron Carrier for BNCT", New Trends of Nano- or Bio-materials Design in Supramolecular 2013, Kyushu University, Fukuoka, Japan, Sep. 21, 2013.
2. Takeshi Nagasaki, Riku Kawasaki, Yoshinori Hattori, Yoshinori Sakurai, Koki

Tanaka, Shin-ichiro Masunaga, Koji Ono, Mitsunori Kirihata, "Melanoma-Targeted Boron Delivery by Kojic Acid-Appended Carborane/Cyclodextrin Complexes for BNCT Of Malignant Melanoma", 6th Trilateral BNCT Meeting between Taiwan and Japan, Taipei Veterans General Hospital, Taiwan, Dec. 13, 2013.

3. Takeshi Nagasaki, "Stimuli-Responsive Drug Delivery System: Photoresponsive Gene Delivery System for Gene Therapy and Boron Delivery System for Neutron Capture Therapy", 7th Kyoto International Symposium on Environment, Energy and Materials, Doshisha University, Kyoto, Japan, Mar. 18, 2014.

Takashi Miyata (Principal Investigator)
Professor, Department of Chemistry and Materials Engineering, Faculty of Chemistry, Materials and Bioengineering, Kansai University

1. T. Miyata, "Advanced Responsive Gels with Dynamic Crosslinks", TIT International Research Center of Macromolecular Science, Special Symposium 2013 & Third Symposium on Gel and Rubber, Tokyo Institute of Technology, Tokyo, Japan, May 28, 2013.
2. T. Miyata, "Responsive Bioconjugated Gels with Dynamic Crosslinks", 2013 MRS Fall Meeting, Boston, USA, December 3, 2013.

Teruyuki Nakato (Principal Investigator)
Professor, Department of Applied Chemistry, Graduate School of Engineering, Kyushu Institute of Technology

1. Teruyuki Nakato, "Inorganic Colloid Liquid Crystals: Crossroads of Soft and Hard Matter", Pure and Applied Chemistry International Conference 2014 (PACCON 2014), Khon Kaen, Thailand, January 9, 2014.
2. Teruyuki Nakato, Yoshihiro Nono, and Emiko Mouri, "Nanosheet Liquid Crystals: Hierarchical Soft Structures Constructed by Inorganic Nanocrystals", Japan-Taiwan Joint Workshop on Nanospace Materials, Fukuoka, Japan, March 11, 2014.