

## Poster Presentation: October 11 (Sat)

Odd number (18:00 ~ 18:50)

Even number (18:50 ~ 19:40)

【FCC Build. 1F & 2F】

- 1P001** Fluorescence Switching and Photochromic Reaction of Terarylene Derivatives (Nara Inst. Sci. Tech.) R. Kanazawa, T. Nakashima, T. Kawai
- 1P002** Mechanofluorochromic Behaviors of 1-Acetylaminopyrene (Muroran Inst. Tech., Hokkaido Univ.) E. Nagata, S. Takeuchi, T. Nakanishi, Y. Hasegawa, Y. Mawatari, H. Nakano
- 1P003** Solid-state Fluorochromism by Switching of ESIPT Sites (Chitose Inst. Sci. Tech., Tohoku Univ.) S. Tsuchiya, K. Sakai, T. Kikuchi, T. Akutagawa
- 1P004** Photoinduced Bending Behavior of Gold-coated Diarylethene Crystals (Osaka City Univ.) D. Kitagawa, S. Kobatake
- 1P005** STM Observation of the 2-Thienyl-type Diarylethene Derivative Showing Cooperative Self-assembly Process at the Liquid/Solid Interface (Kyoto Univ.) S. Yokoyama, T. Hirose, K. Matsuda
- 1P006** Photomechanical Function of Crystals of Chiral Azobenzenes (Waseda Univ., Ehime Univ.) T. Taniguchi, J. Fujisawa, H. Koshima, T. Asahi
- 1P007** Pressure Effects on the Photochromism of Bridged Imidazole Dimers (Aoyama Gakuin Univ., JST CREST) K. Mutoh, J. Abe
- 1P008** Fluorescence Spots with Sub-diffraction-limit Sizes by Using Diarylethene Derivatives (Osaka Univ., Rikkyo Univ.) T. Ikegami, S. Ito, H. Miyasaka, K. Uno, Y. Takagi, M. Morimoto, M. Irie
- 1P009** Photochromic and Fluorescence Behavior of a Bisthienylethene Having a Fluorescence Unit on the Ring-closing Carbon Atom (Yokohama National Univ.) S. Takeuchi, T. Nakagawa, Y. Yokoyama
- 1P010** Preparation and Photochromic Reaction of Spiroanthoxazine Nanoparticles (Ehime Univ.) Y. Ogura, Y. Ishibashi, T. Asahi
- 1P011** Preparation and Evaluation of Molecular Orientation of Diarylethene Microfibers (Osaka City Univ.) H. Tsujioka, S. Kobatake
- 1P012** Synthesis and Photochromic Properties of Diarylbenzothiophene with Non-symmetric Structures (NAIST) R. Li, R. Kanazawa, T. Nakashima, T. Kawai
- 1P013** Synthesis and Photochemical Properties of Photochromic Tetra-arylene (Nara Inst. Sci. Tech.) Y. Hashimoto, T. Nakashima, T. Kawai
- 1P014** Mechanofluorochromism of 1-Carbamoylpyrene Derivatives (Muroran Inst. Tech.) T. Ara, E. Nagata, H. Nakano
- 1P015** Photoinduced Shape Changes of Azobenzene-based Photochromic Amorphous Molecular Materials under a Variety of Environments (Muroran Inst. Tech.) H. Nakano, R. Matsui, Ryota Ichikawa, Ryoji Ichikawa
- 1P016** Synthesis of Azobenzene-Peptides and Their Application as a Photoresponsive Inhibitor for On/Off Photoswitching of the Motility of a Nanobiomolecular Machine (Hokkaido Univ.) K. R. Sunil Kumar, T. Kamei, T. Fukaminato, N. Tamaoki
- 1P017** Naphthalene and Anthracene Derivatives for Two-photon Fluorescence Microscopy Imaging of Deep Tissue (Yamaguchi Univ.) H. Moritomo, M. Tominaga, S. Mochida, H. Sugihara, K. Satomi, A. Fujii, A. Tomoyuki, Y. Suzuki, J. Kawamata
- 1P018** Development of Photo Polymerization Initiators Triggered with Light in a Wide Wavelength Range from UV to NIR (Gunma Univ., Nissan Chemical Ind. Ltd., Kwansai Gakuin Univ., AIST) H. Kaneta, J. Oshima, K. Sawada, M. Hidaka, K. Tokunaga, K. Kamada, M. Yamaji

- 1P019** Synthesis and Fluorescence Properties of N-Cyclohexyl-phthalimides with Substituted Amino Groups (Tokyo Tech.) T. Kambara, K. Kanosue, S. Ando
- 1P020** Indolinium-containing Cyanine Dyes as Highly Sensitive Fluorescent Sensor for Cyanide (Osaka Univ.) M. Nakamura, Y. Shiraishi, T. Hirai
- 1P021** Construction of Artificially Deposited Hybrid LB Films of Iridium Complexes for Harvesting Light Energy (Ehime Univ., NIMS, Toho Univ.) H. Sato, K. Tamura, T. Kitazawa, A. Yamagishi
- 1P022** Photochemical Behaviors of Various Cyanine Dyes on Clay Nano-sheet (Tokyo Metropolitan Univ.) N. Sato, T. Fujimura, H. Tachibana, T. Shimada, S. Takagi
- 1P023** Preparation of Chiral Compounds Using Circularly Polarized Light (Hokkaido Univ., Shibaura Inst. Tech.) S. Wang, N. Naga, Y. Koyama, T. Nakano
- 1P024** Helix Induction to Polymers Using Circularly Polarized Light (Hokkaido Univ.) Y. Wang, Y. Koyama, T. Nakano
- 1P025** Supramolecular Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate with Proteins & Polymer Hybrids as Chiral Reaction Media-7 -Effects of PEGylation for Supramolecular Asymmetric Photochirogenesis- (Tohoku Univ. Osaka Univ., Univ. Tsukuba) M. Okugi, M. Nishijima, H. Sasaki, Y. Araki, S. Sakamoto, Y. Ikeda, Y. Nagasaki, Y. Inoue, T. Wada
- 1P026** Emission Modulation Using Poly(vinyl acetate)-Quaternary Salts Hybrid Films Doped with Fluorescent Dyes (Muroran Inst. Tech., Hokkaido Univ.) K. Ogura, Z. Hoshi, E. Nagata, R. Ichikawa, T. Nakanishi, Y. Hasegawa, H. Nakano
- 1P027** Selective Photocatalytic Oxidation of Alcohols over Silver Halides under Visible Light Irradiation (Kinki Univ.) Y. Nishino, A. Tanaka, K. Hashimoto, H. Kominami
- 1P028** Solid-state Synthesis of Lewis Pair Inclusion Crystals and Their Optical Properties (Kyushu Univ.) S. Hatanaka, T. Ono, H. Shimakoshi, M. Abe, Y. Hisaeda
- 1P029** Micro-environment Dependent Excited State Dynamics of Polyfluorinated Cationic Surfactants Containing Azobenzene Moiety (Tokyo Metropolitan Univ.) V. Ramakrishnan, H. Horiguchi, T. Shimada, Y. Nabetani, D. Yamamoto, H. Tachibana, H. Inoue
- 1P030** Development of D- $\pi$ -A Dyes with a Pyrazine Ring and Their Application to Dye Sensitized Solar Cell (Hiroshima Univ.) K. Uenaka, Y. Ooyama, Y. Harima, J. Ohshita
- 1P031** Energy Level Tuning of Push-Pull Porphyrin Sensitizer by Electron-withdrawing Group for Dye-sensitized Solar Cell (Kyoto Univ.) K. Sugiura, T. Higashino, H. Imahori
- 1P032** Elucidation of Relationship between Regioisomers of [70]Fullerene Monoadducts and Photovoltaic Performances of Polymer Solar Cells (Kyoto Univ.) T. Miyata, K. Kurotobi, T. Umeyama, H. Imahori
- 1P033** Orientation Analysis of Perylene Derivatives in DNA Duplex by Using FRET (Nagoya Univ.) A. Kurihara, M. Akahane, T. Kato, H. Kashida, H. Asanuma
- 1P034** Photocyclization Reactions of (Z)-N-Acetyl- $\alpha$ -dehydro(9-phenanthryl)alanine Alkyl Esters and Related Compounds (Kanagawa Univ.) Y. Iijima, S. Okada, T. Igarashi, T. Sakurai
- 1P035** Synthesis and Physical Properties of Chlorophyll Derivatives Possessing the 3-Acyl Group (Ritsumeikan Univ., Ryukoku Univ.) H. Tamiaki, Y. Kimura, T. Miyatake
- 1P036** Enantioselective C-H Functionalization by Photo-excited Ketone of Binaphthyl Derivatives (Hiroshima Univ.) T. Tamura, R. Takagi, M. Abe
- 1P037** Study of Intermolecular Hydrogen Bonding of Urea Derivatives Having Symmetrical Fluorochromes (Univ. Tsukuba) H. Matsumoto, K. Nishimura, T. Arai
- 1P038** Photoreactions of Alkynes and Tetraene Intermediates Formed by [3+2]-Photocycloadditions of Dicyanonaphthalenes with Alkenes (Shimane Univ.) K. Yokoyama, K. Maehara, H. Shiratori, Y. Kubo
- 1P039** Photoisomerization Mechanism of 4,4'-Bis(styryl)biphenyl and Photochemical Behavior of Water Soluble Dendrimer (Univ. Tsukuba) H. Sakurai, T. Arai

- 1P040** Elucidation of Relationship between Photoinduced Charge Separation and Electronic Coupling (Kyoto Univ.) T. Yamada, T. Higashino, M. Yamamoto, H. Imahori
- 1P041** Synthesis and Fluorescence Properties of (1,3)Pyrenophanes Containing Crown Ether Moieties (Kanazawa Univ.) K. Nakamura, H. Maeda, M. Segi
- 1P042** Structure and Luminescent Properties of TCNQ Derivatives with Azacrown Ether (Toho Univ.) T. Miyauchi, C. Kachi-Terajima
- 1P043** Photo-switching Mechanism of Aminobenzopyrano-xanthene Dyes: The Relationship between the Basicity of the Spiro-ring Moiety and Photophysical Properties (Okayama Univ., RIKEN) A. Tohzaka, S. Kamino, M. Ueda, D. Sawada, S. Enomoto
- 1P044** Functional Group Interconversion of Esters via Sequential Hydrolysis and Photoinduced Decarboxylation (Univ. Fukui) H. Saitou, Y. Yoshimi
- 1P045** Reversible Transformation of Cyclic-Linear Polymer Topologies through Photoreaction of Telechelic Polymer Having Coumarinyl End Groups (Tokyo Tech.) S. Yagyu, T. Yamamoto, Y. Tezuka
- 1P046** Photocyclization Reactions of *N*-Substituted 3-(2-Hydroxynaphthalene-1-yl)propenamide Derivatives Accompanied by Liberation of Aliphatic and Aromatic Primary Amines (Kanagawa Univ.) K. Watanabe, S. Takahashi, T. Yoshizawa, T. Igarashi, T. Sakurai
- 1P047** Addition of Carbanion Generated via Photoinduced Decarboxylation of Carboxylic Acid to Aldehyde (Univ. Fukui) Y. Kumagai, Y. Yoshimi
- 1P048** [4+4] Cross Photocycloadditions of Azaanthracene and Anthracene Derivatives (Ochanomizu Univ.) R. Akazawa, S. Yamada
- 1P049** Radical Cyclization of Carboxylic Acids to Aromatic Rings via Photoinduced Decarboxylation (Univ. Fukui) T. Yamada, Y. Yoshimi
- 1P050** Radical Addition of Peptide to Amino Acid Having Alkene via Photoinduced Decarboxylation (Univ. Fukui) K. Osaka, Y. Yoshimi
- 1P051** Study of Metal-free Photooxidative Trifluoromethylation of Styrenes (Gifu Pharm. Univ.) Y. Kamito, E. Yamaguchi, N. Tada, A. Itoh
- 1P052** Photophysical Properties of Sterically-congested 9,10-Bis(*N,N*-dialkylamino)anthracenes in Solution and Solid State (Tokyo Inst. Tech., Kyushu Univ.) S. Sasaki, K. Igawa, G. Konishi
- 1P053** Photoisomerization and Fluorescence Properties of Polycyclic Aromatic Stilbene (Univ. Tsukuba) M. Kashimura, T. Arai
- 1P054** Photochemical Behavior of Stilbene Dendrimers Having Multichromophore (Univ. Tsukuba) M. Taima, T. Arai
- 1P055** Synthesis and Optical Properties of Fused Imidazole Compounds through the Electrophilic Aromatic Substitution Reaction (Nagoya Inst. Tech.) K. Ito, K. Takagi
- 1P056** A Spectroscopic Study on the "Unusual Long-wavelength Emission" of 1,2-Diphenylcyclopropane Derivatives (Osaka Pref. Univ.) T. Oishi, Y. Matsui, E. Ohta, H. Ikeda
- 1P057** Crystal Structure and Emission Properties of a Diaroylmethanoboron Difluoride Possessing the [2,2]Paracyclophane Moiety (Osaka Pref. Univ.) M. Tanaka, S. Muraoka, A. Sakai, E. Ohta, K. Mizuno, H. Ikeda
- 1P058** Phototriggered Surface Relief Formation on Photopolymerizable Bisthymine Film (Yokohama National Univ.) M. Toyoda, T. Ubukata
- 1P059** Energy Transfer and Subsequent Electron Transfer of Dyes on the Inorganic Nano-sheet (Tokyo Metropolitan Univ., Univ. Miami, Hokkaido Univ.) T. Fujimura, E. Ramasamy, Y. Ishida, T. Shimada, V. Ramamurthy, S. Takagi
- 1P060** Photochemical Energy Transfer Reaction from Excited Xanthene to Porphyrin Derivatives on the Inorganic Nano-sheet (Tokyo Metropolitan Univ., Hokkaido Univ.) Y. Ohtani, Y. Ishida, T. Shimada, S. Takagi
- 1P061** Laser Photolysis Studies of  $\omega$ -Bond Cleavage in Aromatic Carbonyls Containing C-C Triple Bond (Gunma Univ., Toyama Univ.) A. Horimoto, K. Nozaki, M. Yamaji

- 1P062** Anisotropic Coulomb Explosion of CO Ligands in Group VI Metal Carbonyl Complexes (Osaka City Univ.) H. Tanaka, N. Nakashima, T. Yatsushashi
- 1P063** Inhomogeneous Electron Transfer Dynamics in Lead Iodide Perovskite-based Solar Cell as Revealed by Femtosecond Transient Absorption Spectroscopy (Osaka Univ., JST PRESTO, Kyoto Univ.) T. Katayama, M. Endo, A. Wakamiya, Y. Murata, H. Miyasaka
- 1P064** Deformation Dynamics of Crosslinked Azobenzene Liquid Crystal Polymer Films Measured by Transient Grating Method (Chuo Univ.) T. Fujii, S. Kuwahara, K. Katayama, K. Takado, T. Ube, T. Ikeda
- 1P065** Study on the Stabilities of Multiply Charged Diiodoacetylene Molecular Ions Formed in Intense Femtosecond Laser Pulses (Osaka City Univ.) T. Kawaguchi, K. Toyota, N. Nakashima, T. Yatsushashi
- 1P066** Dynamics of Transient Absorption of Lanthanide(III) Ion Measured by Femtosecond Pump-Probe Spectroscopy (Kanagawa Univ., National Chiao Tung Univ.) S. Hashimoto, H. Ebina, A. Yabushita, K. Orisaku, I. Iwakura
- 1P067** Visualization of SERS Hot Spots by Super-resolution Optical Microscopy (Kwansei Gakuin Univ.) T. Fukui, S. Masuo
- 1P068** A Novel Method of Measuring Sub Nanosecond Transient Absorption and Its Performance Evaluation (Unisoku) T. Nakagawa, K. Okamoto, H. Hanada
- 1P069** Photodehalogenation Processes of UV-sunscreen Molecules Studied by Steady State and Laser Flash Photolysis (Gunma Univ.) Y. Suwa, M. Yamaji
- 1P070** Solvation Effect on Photoisomerization of 2-Phenylazoimidazolium Cations (Tokyo Tech.) T. Yoshida, A. Kawai
- 1P071** Characterization of Triplet State and Photodissociation Mechanism of Oxime Ester Compounds (Tokyo Tech., Hokkaido Univ.) H. Takahashi, Y. Miyake, A. Kawai
- 1P072** Photoinduced Charge-separated States in Poly(3-hexylthiophene)-Fullerene Molecule Bridged by Oligo-*p*-phenylene Studied by Time-resolved EPR (Kobe Univ., Kyoto Univ.) T. Miura, R. Tao, T. Umeyama, T. Tachikawa, Y. Kobori, H. Imahori
- 1P073** Photoaddition of *trans*-Stilbene to Fumarate Ester in a Microreactor (Aoyama Gakuin Univ., Osaka Univ., Egypt-Japan Univ. Sci. Tech., Tokyo Inst. Tech.) M. Yoshimura, T. Isozaki, T. Mori, Y. Inoue, Y. Matsushita, T. Ichimura, T. Suzuki
- 1P074** Oxidative Damage of Amino Acids Photosensitized by Water-soluble Phosphorus(V) Porphyrins (Shizuoka Univ.) D. Ouyang, K. Hirakawa
- 1P075** Substituent Effects on the Two-photon Absorption of Diarylacetylene with Electron Donating and Electron Withdrawing Groups (Aoyama Gakuin Univ.) S. Kinoshita, T. Isozaki, R. Takeuchi, T. Suzuki
- 1P076** The Light-harvesting Dynamics of Photosystem II (PSII) Monomer and Dimer (Osaka Univ., JST PRESTO, Osaka City Univ.) Y. Yoneda, T. Katayama, Y. Nagasawa, H. Miyasaka, Y. Umena
- 1P077** Photoelectric Conversion of Dye Aggregate Using DNA (Univ. Hyogo) K. Tsuto, M. Nakamura, T. Takada, K. Yamana
- 1P078** Spectroscopic Study on Photoinduced Polymerization of Diacetylenes Nanocrystals (Ehime Univ.) Y. Yamaoka, Y. Ogura, T. Onodera, H. Oikawa, T. Asahi
- 1P079** Enhancement of Two-photon Absorption of 9,10-Bis(phenylethynyl)anthracenes by Molecular Encapsulation (AIST, Kwansei Gakuin Univ., Shizuoka Univ., Rikkyo Univ.) T. Namikawa, Y. Hirumi, K. Tamaki, M. Mitsui, K. Kobayashi, K. Kamada
- 1P080** Control of the Exciton Dynamics in a Single Quantum Dot by Tip-enhanced Technique (Kwansei Gakuin Univ.) H. Takata, S. Masuo
- 1P081** Emission Behavior of Single Quantum Dots Coupled to Metal Nanoparticles (Kwansei Gakuin Univ.) D. Murti, S. Masuo
- 1P082** Effect of Glycerol Concentration on structure of the Photo-induced Charge-separated State in Protein: 9,10-Anthraquinone-1-sulfonate Bound to Human Serum Albumin (Kobe Univ.,

- Shizuoka Univ.) M. Tsushima, M. Fuki, T. Miura, T. Tachikawa, Y. Kobori
- 1P083** Exploration of Multicolored Luminescent Complex through Preparation of Phenyl(phenyl isocyanide)gold(I) Complexes with Various Substituent (Hokkaido Univ.) Y. Takamatsu, T. Seki, H. Ito
- 1P084** Alignment Change of Sub-nanometer-sized Gold Clusters and Their Emission Behaviors in Solid State (Hokkaido Univ.) M. Sugiuchi, N. Kobayashi, Y. Shichibu, K. Konishi
- 1P085** Photochromic Behavior of Hexanuclear Gold Cluster (Hokkaido Univ.) M. Zhang, Y. Shichibu, K. Konishi
- 1P086** Molecular Transformation Reaction Using Visible-light Responsive Vitamin B<sub>12</sub>-TiO<sub>2</sub> Hybrid Catalyst Composed of Interfacial Complexation (Kyushu Univ.) S. Yonemura, H. Shimakoshi, T. Ono, M. Abe, Y. Hisaeda
- 1P087** Photoluminescence Mechanism in Nonanuclear Lanthanide Clusters (Hokkaido Univ.) S. Omagari, T. Nakanishi, K. Fushimi, Y. Hasegawa
- 1P088** Fluorescence-Phosphorescence Switching of Dipyrido[3,2-a:2',3'-c]phenazine-Platinum(II) Complexes Bearing Electron-donating Components at the 2,7-Positions (Osaka Pref. Univ., Tech. Res. Inst. Osaka Pref.) Y. Kawai, T. Shigehiro, S. Yagi, T. Maeda, H. Nakazumi, T. Tanaka, Y. Sakurai
- 1P089** Luminescent Properties of 2-(Dibenzo[*b,d*]furan-4-yl)pyridine-based Cyclometalated Platinum(II) Complexes in Polymer Thin Films (Osaka Pref. Univ., Tech. Res. Inst. Osaka Pref.) C. Qiang, T. Shigehiro, S. Yagi, T. Maeda, H. Nakazumi, T. Tanaka, Y. Sakurai
- 1P090** Photophysical and Magneto-optical Properties of Nonanuclear Tb(III) Cluster with Chiral Ligands (Hokkaido Univ., Kyoto Univ.) S. Wada, T. Nakanishi, Y. Kitagawa, Y. Morisaki, K. Fujita, K. Tanaka, Y. Chujo, K. Konishi, K. Fushimi, Y. Hasegawa
- 1P091** Unique Photochemical Reaction Process of Novel Tricarbonyl Rhenium Complexes Studied by Time-resolved Infrared Spectroscopy (Tokyo Tech., JST PRESTO, Curtin Univ., AIST) T. Mukuta, J. G. Vaughan, S. Stagni, M. Massi, K. Koike, O. Ishitani, S. Koshihara, K. Onda
- 1P092** Photocatalytic CO<sub>2</sub> Reduction Using Manganese(I) Phosphine Complexes (Tokyo Tech.) K. Okamoto, H. Takeda, O. Ishitani
- 1P093** Photocatalytic Properties for CO<sub>2</sub> Reduction of Hybrids That Consist of Ruthenium Complexes and Carbon Nitride (Tokyo Inst. Tech.) R. Kuriki, K. Sekizawa, O. Ishitani, K. Maeda
- 1P094** Optical Absorption and Structural Modeling of Eu(III) and IN-IN Complex (Osaka Univ., Univ. Tsukuba, Osaka City Univ., Aoyama Gakuin Univ.) R. Nakamura, Y. Shigeta, K. Okuno, R. Kishi, S. Suzuki, M. Kozaki, K. Okada, M. Hasegawa, M. Nakano
- 1P095** Direct Electrochemical Observation of Photoexcited States of Metal Complexes in Homogeneous Solution (IMS, Sokendai, JST ACT-C) A. Fukatsu, M. Okamura, M. Kondo, S. Masaoka
- 1P096** Three-photon Induced Emission Properties of Europium Complexes (Yamaguchi Univ., Hokkaido Univ.) A. Fujii, H. Moritomo, H. Sugihara, Y. Suzuki, J. Kawamata, M. Yamamoto, Y. Hasegawa
- 1P097** Biomolecules Damage Photosensitized by Rhodamine-6G (Shizuoka Univ.) K. Hirakawa, H. Ito
- 1P098** A Study on Temperature Dependence of Viscosity of Supercooled Water Droplets (Hiroshima Univ.) T. Ishikawa, S. Ishizaka, T. Fujiwara
- 1P099** Performance Evaluation of TiO<sub>2</sub>-supported Wire Mesh for Water Treatment (Gunma Univ.) K. Fujii, T. Sugita, M. Mori, H. Itabashi
- 1P100** Gold Nanoparticles Supported on TiO<sub>2</sub>: Applications in Water Treatment and Hydrogen Generation (Univ. Paris-Sud, IPECTY, Ulm Univ.) M. G. Méndez, A. Herissan, C. Colbeau-Justin, H. Remita, J. L. Rodríguez-López, S. Rau
- 1P101** Mechanism of Phosphorescence Quenching with TiO<sub>2</sub> Powders for Singlet Oxygen Generated by Dye-sensitization (Nagaoka Univ. Tech.) H. Saito, Y. Nosaka

- 1P102** Solar Hydrogen Production Using Cu(I)-substituted Oxide Photocatalysts with Visible Light Response (Tokyo Univ. Sci.) K. Iwashina, A. Iwase, A. Kudo
- 1P103** Cancelled
- 1P104** Elucidation of Interfacial Charge Transfer between a Dye and TiO<sub>2</sub> Films Using Single-molecule Fluorescence Spectroscopy (Rikkyo Univ.) A. Unno, M. Mitsui
- 1P105** Mechanism of Plasmon-induced Water Oxidation Reaction at Au/TiO<sub>2</sub> Interface (Hokkaido Univ., JST PREST) K. Suzuki, F. Nagasawa, S. Yasuda, K. Murakoshi
- 1P106** Preparation and Spectroscopic Properties of Gold Nanoparticles Modified with a Photofunctional Molecule (Kyushu Univ.) T. Ishida, Y. Takahashi, S. Yamada
- 1P107** On the Interaction between Single-walled Carbon Nanotubes and Antenna Molecules (AIST) H. Shioyama
- 1P108** The Cause for the Low Efficiency of Ru Dye-sensitized Solar Cells in Case of Cobalt Redox (Chuo Univ., Univ. Electro-Commun., National Central Univ.) K. Omata, S. Kuwahara, Q. Shen, T. Toyoda, C.-G. Wu, K. Katayama
- 1P109** Fabrication of Solid State Plasmonic Solar Cell Using Nickel Oxide Film as Hole Transport Layer (Hokkaido Univ.) K. Nakamura, T. Oshikiri, K. Ueno, H. Misawa
- 1P110** Synthesis of Diketopyrrolopyrrole-linked Tetrabenzoporphyrins and Their Application for Organic Solar Cells (NAIST, Yamagata Univ., JST CREST) K. Takahashi, N. Yamada, D. Kuzuhara, K. Nakayama, H. Yamada
- 1P111** Physical Properties of Synthetic Chlorophyll Oligomers and Their Organic Thin Solar Cell (Ritsumeikan Univ., Yamagata Univ., Jilin Univ.) H. Tamiaki, T. Tanaka, X.-F. Wang