

Poster Presentation: October 12 (Sun)

Odd number (13:00 ~ 13:50)

Even number (13:50 ~ 14:40)

【FCC Build. 1F & 2F】

- 2P001** Syntheses of Step- π -conjugated Polymer and Their Application for Photoenergy Conversion Systems (72). Distance Dependence of Electron Transfer in Macromolecular-wire (Kansai Univ.) A. Murata, H. Aota
- 2P002** Syntheses of Step- π -conjugated Polymer and Their Application for Photoenergy Conversion Systems (73). Synthesis and Photochemical Behavior of Polymer Containing Porphyrin (Kansai Univ.) T. Kobayashi, H. Aota
- 2P003** Synthesis of Step- π -conjugated Polymer and Their Application for Photoenergy Conversion Systems (74). Synthesis and Photochemical Behavior of Polymer Containing Visible Absorption Site (Kansai Univ.) S. Matsumoto, H. Aota
- 2P004** Syntheses of Step- π -conjugated Polymer and Their Application for Photoenergy Conversion Systems (75). Synthesis of Macromolecular Wires Having One-way Direction and Properties of Electron Transfer (Kansai Univ.) K. Kaku, H. Aota
- 2P005** Syntheses of Step- π -conjugated Polymer and Their Application for Photoenergy Conversion Systems (76). Synthesis of A, B-block Type Polymers Having Different Polarities and Their Photochemical Behavior (Kansai Univ.) R. Nakabayashi, H. Aota
- 2P006** Syntheses of Step- π -conjugated Polymer and Their Application for Photoenergy Conversion Systems (77). Synthesis and Photochemical Behaviour of A, B-block Type Amphiphilic Polymers and Construction of Charge Separation System (Kansai Univ.) K. Watanabe, H. Aota
- 2P007** Syntheses of Step- π -conjugated Polymer and Their Application for Photoenergy Conversion Systems (78). Study of Triplet Energy Transfer for Proof of the Through-bond Mechanism (Kansai Univ.) D. Ohshima, H. Aota
- 2P008** Synthesis and Properties of Narrow-bandgap Polymers (3). Bandgap Dependence on Molecular Weight (Kansai Univ.) J. Wang, H. Aota
- 2P009** Synthesis and Properties of Narrow-bandgap Polymers (4). Change of the Bandgap by Changing Polymer Structure (Kansai Univ.) S. Yumiba, H. Aota
- 2P010** Orientation Control of Pentacene for the Application to Organic Photovoltaic Devices (AIST-UBIQEN, Kansai Univ.) T. Fujisawa, T. Mizokuro, C. Heck, H. Aota, N. Tanigaki
- 2P011** Concentration Analysis for a Polymer-rich-domain in Phase-separated Thermo-responsive Polymer Aqueous Solution by Means of Confocal Raman Microspectroscopy Combined with Optical Tweezers (Osaka City Univ., Hokkaido Univ.) T. Shoji, R. Nohara, N. Kitamura, Y. Tsuboi
- 2P012** Fluorescence Microspectroscopic Analysis with a Polymer Micro-assembly Formed by a Plasmonic Optical Tweezers (Hokkaido Univ., Osaka City Univ.) D. Sugo, T. Shoji, N. Kitamura, F. Nagasawa, K. Murakoshi, Y. Tsuboi
- 2P013** Single-molecule Spectroscopy Study of Optical Properties and Conformation of Cyclic and Linear Conjugated Polymers (Tokyo Inst. Tech., Univ. Manchester) S. Matsuda, S. Hirata, T. Yamamoto, B. Lidster, M. Turner, Y. Tezuka, M. Vacha
- 2P014** Single-particle Scattering and Fluorescence Spectroscopy of Hybrid Particles Composed of a Conjugated Polymer Adsorbed on Gold Nanoparticles (Tokyo Tech.) T. Ishii, S. Hirata, M. Vacha
- 2P015** Photo-isomerization of trans-Stilbene in PVA Film (Kanagawa Univ.) Y. Hirata

- 2P016** Development of Broadband Sunscreens Consisting of 2'-Aminoacetophenone and Biphenyl Derivatives (Gunma Univ.) M. Onozawa, T. Kimura, T. Yoshihara, S. Tobita
- 2P017** Cooperativity Analysis of the Open-, Closed- and Annulated-isomers of Diarylethene That Form 2-D Ordering at the Liquid/Solid Interface and Their Photochemical Interchanges (Kyoto Univ.) D. Frath, T. Sakano, Y. Imaizumi, S. Yokoyama, T. Hirose, K. Matsuda
- 2P018** Thermal and Photoinduced Phase Transitions of Liquid Crystals of Ether Derivatives with Six Azobenzene Mesogenes and a Triphenylene Core (Ryukoku Univ., AIST) R. Minobe, Y. Shimizu, K. Uchida
- 2P019** Photoinduced Topographical Changes on Microcrystalline Surface of Diarylethenes. Relation between the Molecular Structures and the Crystal Shapes (Ryukoku Univ., Rikkyo Univ., Mitsubishi Chemical, Tokyo Univ. Pharm. Life Sci., RIKEN) K. Minami, N. Nishimura, M. Morimoto, Y. Kojima, S. Yokojima, S. Nakamura, K. Uchida
- 2P020** Surface Modification of Photomechanical Molecular Crystals by Layer-by-layer Polymer Assembly (Rikkyo Univ.) H. Chiba, M. Morimoto, M. Irie
- 2P021** Evaluation of Single-molecule Emissive Properties of Fluorescent Diarylethene Derivatives (Osaka Univ., Toyama Prefectural Univ., Rikkyo Univ.) Y. Arai, S. Takei, S. Ito, H. Miyasaka, K. Uno, Y. Takagi, M. Morimoto, M. Irie
- 2P022** Photochromic Reaction of Diarylethenes in Ionic Liquid (Saga Univ.) M. Takeshita
- 2P023** Photo-, Halo- and Solvatochromism of a Diarylethene Derivative Having Malachite Green Moiety (Ryukoku Univ., Rikkyo Univ., Tokyo Univ. Pharm. Life Sci., RIKEN) N. Fujinaga, Y. Tatsumi, M. Kasuno, M. Morimoto, S. Yokojima, S. Nakamura, K. Uchida
- 2P024** Photochromic Oligothiophenes and the Conductivity Change (Kyoto Univ., JST PRESTO) T. Toyama, K. Higashiguchi, T. Nakamura, K. Matsuda
- 2P025** Substituent Effect on Thermally Reversible Photochromic Diarylethenes (Rikkyo Univ.) K. Inaba, M. Morimoto, M. Irie
- 2P026** Fluorescent Photochromic Diarylethenes That Turn on upon Visible Light Irradiation (Rikkyo Univ.) T. Kaburagi, T. Sumi, M. Morimoto, M. Irie
- 2P027** Synthesis of Photochromic Diarylethenes Having Phosphole Groups (Rikkyo Univ.) T. Ichikawa, M. Morimoto, M. Irie
- 2P028** Behavior of Photomerocyanine Produced from Spiropyran Included in Cyclodextrin (Tokyo Univ. Agri. Technol.) T. Wada, N. Yoshimura, M. Takayanagi
- 2P029** Quantum Chemical Study of the Substituent Effect in the Photochromism of Diarylethenes Having Azulene Ring (Tokyo Inst. Tech.) M. Wakabayashi, T. Maejima, S. Yokojima, T. Kobayashi, K. Uchida, S. Nakamura
- 2P030** Effect of Substitution of Cyano Groups on the Ring-closing Carbon Atoms on Photochromic Properties of Tetraoxybisbenzothienylethene (Yokohama National Univ.) M. Arai, Y. Yokoyama
- 2P031** Synthesis of Terthiazole Oligomers and Their Oxidative Isomerization (Nara Inst. Sci. Tech.) K. Hori, T. Nakashima, T. Kawai
- 2P032** Dye-sensitized Photo-hydrogenation of Aromatic Carbonyl Compounds on Titanium Dioxide under Visible Light Irradiation (Hyogo Univ. Health Sci.) S. Kohtani, S. Nishioka, M. Mori, E. Yoshioka, H. Miyabe
- 2P033** Effect of Electron Donors on the Photochemical Efficiency of Caged Compounds Based on Photoinduced Electron Transfer (Univ. Tsukuba) R. Morita, A. Momotake, T. Arai
- 2P034** Synthesis and Fluorescence Properties of Pyrene-core Dendrimer Molecules (Kanazawa Univ.) N. Takayama, H. Maeda, M. Segi
- 2P035** Synthesis and Oxygen Response Property of Phosphole-based π -Conjugated Compounds (Nara Inst. Sci. Tech.) S. Iijima, T. Nakashima, T. Kawai
- 2P036** Preparation of Chiral Matrix Composite Organic Fluorophore Having CPL Property Derived from Natural Product (Kindai Univ., NAIST) T. Amako, A. Sudou, M. Fujiki, Y. Imai

- 2P037** Photo-reversible Topochemical Polymerization of Thymine Derivative by [2+2]-Photocycloaddition and Photocycloreversion (Waseda Univ., Monash Univ., Tokyo Tech.) A. Udagawa, P. Johnston, K. Saito, A. Sakon, R. Toyoshima, H. Uekusa, H. Koshima, T. Asahi
- 2P038** Substituent Effects of Electro-donating *p*-Substituted Benzyl Alcohols upon Photocurrent in Ge-porphyrin-sensitized Photovoltaic Cell (Univ. Miyazaki) T. Shiragami, K. Inoue, J. Matsumoto, M. Yasuda
- 2P039** Synthesis and Spectroscopic Properties of Phosphorus Hydroporphyrin Complexes (Univ. Miyazaki) K. Tanimura, J. Matsumoto, T. Shiragami, M. Yasuda
- 2P040** The First Synthesis and the Photophysical Property of Phosphorus-containing Porphycene (Kyushu Univ.) H. Mukotaka, M. Abe, T. Ono, H. Shimakoshi, Y. Hisaeda
- 2P041** Fabrication of Porphyrin Complex/Semiconductor for Electron Transfer System (Tokyo Metropolitan Univ.) D. Yamamoto, S. Sagawa, S. Mathew, F. Kuttassery, S. Onuki, Y. Nabetani, H. Tachibana, H. Inoue
- 2P042** Synthesis of Naphthofuran from Allyl Bromonaphthyl Ether via Photochemical Radical Cyclization (Univ. Fukui) M. Tanba, Y. Suzuki, Y. Yoshimi
- 2P043** Synthesis and Photophysical Properties of C7-Arylethynylated 7-Deaza-2'-deoxyguanosine Derivatives (Nihon Univ.) M. Igarashi, A. Suzuki, T. Yamauchi, Y. Saito
- 2P044** Syntheses and Photoreactions of Light-triggered Antitumor Prodrugs for the Release of Doxifluridine and Tegafur (Kitasato Univ.) M. Tohmine, H. Inui, K. Ushida
- 2P045** Intermolecular Reactions of [4-(1-Pirrolidinyl)phenyl] Carbene with Small Molecules Co-deposited in Low-temperature Matrices (Kitasato Univ.) H. Fujita, H. Inui, K. Ushida
- 2P046** Photochemical Reactions of 1-Substituted Isatins with Alkene (Aich Inst. Tech.) J. Tatsugi, S. Okuda, S. Hukaya
- 2P047** Development of Luminescent Probes for Visualizing Peroxynitrite (Shibaura Inst. Tech.) M. Go, K. Imai, M. Shimbo, A. Nakamura
- 2P048** Luminescence Properties of Thiazolopyradine and Benzothiazole Fluorophores with Pyridinyl Group (Univ. Electro-Commun.) Y. Suzuki, S. Maki, T. Hirano
- 2P049** Room-temperature Phosphorescence of Diaroylmethanoboron Difluoride Possessing Halogen Atoms (Osaka Pref. Univ.) A. Sakai, E. Ohta, K. Mizuno, H. Ikeda
- 2P050** Nitrogen Atom-bridged Tetramethyleneethane Intermediates Generated by Photoinduced Electron-transfer Reaction (Osaka Pref. Univ.) T. Hori, S. Sakaki, Y. Kano, Y. Matsui, E. Ohta, H. Ikeda
- 2P051** Phototriggered Surface Relief Formation on Mixed Film Composed of Organic Acid and Spirooxazine (Yokohama National Univ.) M. Ito, T. Ubukata
- 2P052** Design of Peptide Molecules for Photochemical Internalization (Okayama Univ., Kinki Univ.) T. Ohtsuki, H. Fujiwara, Y. Hatachi, M. Kitamatsu, K. Watanabe
- 2P053** Complexes of Cationic Zinc Chlorophyll Derivatives and Water-soluble Polymers for Mimicking Photosynthetic Apparatuses (Ryukoku Univ.) T. Miyatake, H. Oki, Y. Hasunuma
- 2P054** Research and Development of a Novel Photochemical Annular Microreactor for Concentrated Solution (Shinshu Univ.) N. Takano, H. Usami
- 2P055** Analysis of Photocatalytic Reactions by Direct Sampling Method from a Photocatalytic Microreactor (Chuo Univ., Gunma Univ.) A. Nakamura, K. Yoshida, A. Mase, T. Sugita, M. Mori, S. Kuwahara, K. Katayama
- 2P056** A Study on the Emission Properties of Fluorescent Cholesterols in Living Cells (Gunma Univ.) M. Miura, A. Maeshiro, K. Izushima, T. Yoshihara, S. Tobita
- 2P057** Mechanism of Endosomal Escape of CPP Fusion Molecules by Photoirradiation (Okayama Univ.) S. Miki, K. Sumita, K. Watanabe, K. Hirakawa, S. Okazaki, T. Ohtsuki
- 2P058** Rapid Preparation and Crystallization of Photoluminescent Gold Quantum Dots Encapsulated in Protein (Josai Univ.) T. Uwada, Y. Takenaka, T. Kikuchi, M. Ishikawa

- 2P059** Controlling Orientation and Photochemical Behavior of Cationic Metal Porphyrins on the Clay Surface (Tokyo Metropolitan Univ.) S. Hoshino, T. Tsukamoto, T. Shimada, S. Takagi
- 2P060** Energy Transfer among Three Dye Components in Nanosheet-dye Complex (Tokyo Metropolitan Univ.) S. Kawaguchi, Y. Ohtani, Y. Ishida, T. Shimada, S. Takagi
- 2P061** Photoconversion of Pentacenediketone Derivatives in the Crystalline Phase (Kwansei Gakuin Univ., NAIST, JST CREST) Y. Miyamoto, M. Oe, T. Aokake, M. Suzuki, H. Yamada, S. Masuo
- 2P062** Fluorescence Lifetime Behavior of Thioflavin T Labeling Beta Amyloid (Hamamatsu Photonics K. K.) H. Satozono, A. Oda, T. Shinke, Y. Takata, H. Okada
- 2P063** pH-Responsive Structural Colored Balloons (Kyoto Univ., JST PRESTO) J. Imai, K. Higashiguchi, K. Matsuda
- 2P064** A Study on the Freezing Processes of Supercooled Water Droplets Containing Ammonium Sulfate by Means of Laser Trapping and Raman Spectroscopy (Hiroshima Univ.) A. Omae, S. Ishizaka, T. Fujiwara
- 2P065** A Study on the Condensation Growth Processes of Single Aerosol Droplets by Means of a Laser Trapping Technique (Hiroshima Univ.) E. Xiao, S. Ishizaka, T. Fujiwara
- 2P066** Laser Trapping-induced Crystallization of Lysozyme in the Millimeter Area out of the Focus (National Chiao Tung Univ., Inst. Tech. Res. Ctr.) K.-D. Chang, J.-R. Tu, K. Yuyama, H. Masuhara, T. Sugiyama
- 2P067** Photo-induced Phase Transition of Lipid for Membrane Protein Crystallization (Gunma Univ.) T. Okutsu, S. Kurita, H. Ihira, H. Horiuchi, H. Takahashi
- 2P068** Polarization Dependence of the Trapping and Ejection Behavior of Nanoparticles by Double Femtosecond Pulse Trains (National Chiao Tung Univ., King Abdullah Univ. Sci. Tech.) T.-F. Shen, M. Muramatsu, W.-Y. Chiang, A. Usman, H. Masuhara
- 2P069** Photo-induced Electron Transfer Reactions and Magnetic Field Effect of Donor-Acceptor Linked Compounds Using Ionic Liquids as a Reaction Field (Kyushu Univ.) T. Morifuji, H. Yonemura, S. Yamada
- 2P070** Photoinduced Electron-transfer Dynamics of Perylenediimide-Graphene Oxide Nanohybrids Dispersed in Water-soluble Polymer Matrices (Osaka Univ., JST ALCA) M. Supur, K. Ohkubo, S. Fukuzumi
- 2P071** Emission Enhancement Induced by Mechanical Stress in the Polymer Composites with Emissive Ionic Liquid (Univ. Miyazaki) T. Enami, T. Shiragami, J. Matsumoto, M. Yasuda
- 2P072** Photochemical Synthesis of Acylphenacenes and Investigations of the Photophysical and Photochemical Properties (Gunma Univ., Okayama Univ.) T. Kubota, H. Okamoto, M. Yamaji
- 2P073** Synthesis of Diketopyrrolopyrrole Derivatives Having Photo-removable Solubilizing Units and Their Application to Solution-processed Organic Solar Cells (NAIST, Yamagata Univ., JST CREST) K. Uchinaga, Y. Yamaguchi, M. Suzuki, K. Takahira, K. Nakayama, H. Yamada
- 2P074** Evaluation of Charge Transfer Efficiency in Organic Thin Film Photovoltaic Devices Using Fluorescence Microspectroscopy (Kwansei Gakuin Univ., Yamagata Univ., NAIST, JST CREST) S. Masuo, W. Sato, Y. Yamaguchi, M. Suzuki, K. Nakayama, H. Yamada
- 2P075** Photoprecursors of Anthracene-Benzothiadiazole Conjugates for Solution-processed Organic Solar Cells Having Multi-layer Structure (NAIST, Yamagata Univ., JST CREST) S. Yamamoto, Y. Yamaguchi, K. Takahira, M. Suzuki, K. Nakayama, H. Yamada
- 2P076** Observation of the Dynamic Process of the Organic Thin-film Formation by a Spin Coating Method (Tokyo Metropolitan Univ., Yamagata Univ.) Y. Suzuri, H. Inoue
- 2P077** Synthesis of CdTe Nanoplatelets and Their Exciton Relaxation Dynamics (Kwansei Gakuin Univ.) Y. Tomizawa, T. Okuhata, N. Tamai
- 2P078** Exciton Dynamics of “a Single Quantum Dot – Silver Nanowire” System Fabricated by AFM Manipulation (Kwansei Gakuin Univ.) A. Yamanaka, S. Masuo

- 2P079** Measurements of Polarized Electrophotoluminescence Spectra in Photoinduced Electron-transfer Systems (Hokkaido Univ.) K. Okoshi, H.-C. Chiang, K. Awasthi, N. Ohta
- 2P080** Observation of the Absorbance Shift of the Dyes in Dye-sensitized Solar Cells from the Bleaching in the Transient Absorption (Chuo Univ. Univ. Electro-Commun.) R. Hosokawa, S. Taya, S. Kuwahara, Q. Shen, T. Toyoda, K. Katayama
- 2P081** Fluorescence Dynamics of CT Complex Nanocrystals Composed of Carbazole with Some Acceptors (Kyoto Inst. Tech.) S. Yasuda, S. Machida, N. Ikeda
- 2P082** Phosphorescence from the $T_2(n, \pi^*)$ State Observed for 4-Hydroxybenzaldehyde in a *p*-Dichlorobenzene Matrix (Hiroshima Univ.) T. Itoh
- 2P083** Time-resolved EPR Study on the Electronic Structures of the Excited Triplet State of [26] and [28]Hexaphyrins (Kobe Univ., Kyoto Univ., Tohoku Univ.) F. Ema, A. Ohsuka, M. Tanabe, S. Yamauchi, T. Tachikawa, Y. Kobori
- 2P084** The Zero-magnetic-field Splitting in the Excited Triplet State of $(^n\text{Bu}_4\text{N})_2[\text{Mo}_6\text{X}_8(\text{C}_3\text{F}_7\text{COO})_6]$ (X = I, Br, Cl) (Hokkaido Univ., JST PREST, Osaka City Univ.) S. Akagi, E. Sakuda, A. Itoh, N. Kitamura
- 2P085** Magnetic Field Effects on Singlet Fission (Saitama Univ., Nihon Univ.) M. Kaise, T. Yago, R. Katoh, M. Wakasa
- 2P086** Time Resolved-EPR Study on Photoinduced Charge-separation Generated in Photoactive Layer Interface of Perovskite Solar Cells (Kobe Univ., Kyushu Inst. Tech.) K. Miyazaki, T. Miura, Y. Ogomi, T. Tachikawa, S. Hayase, Y. Kobori
- 2P087** Metal Nano-particle Formation by Femtosecond Laser Filamentation (Osaka City Univ., Toyota CRDL, ILT, JAEA) N. Nakashima, K. Yamanaka, T. Yatsuhashi, S. Taniguchi, M. Saeki, H. Ohba
- 2P088** Coulomb Explosion of Metal Ions in Binuclear Metal Carbonyl Complex Exposed to High Intensity Laser Fields. (Osaka City Univ.) T. Matsumoto, N. Nakashima, T. Yatsuhashi
- 2P089** Study of the Solvent Effect in the Absorption Spectra of Molecules Related to Molecular Conductor (Muroran Tech.) R. Ito, T. Iimori
- 2P090** Production of Fluorine-contained Hydrophilic and Hydrophobic Carbon Nanoparticles in Laser Plasma Filaments (Osaka City Univ.) T. Hamaguchi, T. Yatsuhashi
- 2P091** Photoluminescence of Single Gold Nanoparticles Dependent on Substrates and the Surrounding Media (Univ. Tokushima) N. Kuroki, Y. Okada, S. Hashimoto
- 2P092** Characterization of Hydrophobic Gold Nanoparticles/Polymer Hybrid Films Prepared by LB Method (Kyushu Univ.) Y. Tachikiri, Y. Takahashi, S. Yamada
- 2P093** Computational Study on Nanosecond Pulsed-Laser Induced Size Reduction of Aqueous Colloidal Gold Nanoparticle at High Pressure (Univ. Tokushima) M. Strasser, S. Hashimoto
- 2P094** Initial Photo-excitation Process of Dye Sensitizer Studied by Femtosecond Vibrational Spectroscopy (NIMS) H. Noguchi, M. Ito, K. Uosaki
- 2P095** Photomechanical Bending and the Mechanism of Molecular Crystals (Hokkaido Univ.) S. Nozawa, K. Ueno, H. Misawa
- 2P096** Near Field and Dynamics of Surface Plasmon Dark States in Gold Nanoblocks Revealed by PEEM (Hokkaido Univ., Univ. Tsukuba) H. Yu, Q. Sun, A. Kubo, Y. Matsuo, K. Ueno, H. Misawa
- 2P097** Synthesis of Cu Nanoparticles within Interlayer Space of Titania Nanosheet (Niigata Univ.) K. Sasaki, K. Matsubara, K. Saito, M. Yagi, T. Yui
- 2P098** Photochemical Behaviors of the Nanostructured Hybrid Films (Niigata Univ.) S. Mukai, M. Sato, K. Matsubara, K. Saito, M. Yagi, T. Yui
- 2P099** UV and/or Visible Light-induced Photocatalysis by Plasmonic Titania Modified with Ruthenium Complexes (Hokkaido Univ., Ulm Univ.) K. Yoshiiri, E. Kastl, S. Rau, B. Ohtani, E. Kowalska

- 2P100** Influence of Crystal Facets of Decahedral-shaped Anatase Titania Particles on Their Optical and Physical Properties and Photocatalytic Activities (Hokkaido University) K. Matsui, K. Kobayashi, M. Takase, B. Ohtani
- 2P101** Study on Photocatalytic Activities of Anatase and Rutile Titania Particles Isolated from a Commercial P25 Photocatalyst (Hokkaido Univ.) K. Wang, E. Kowalska, B. Ohtani
- 2P102** Titania Photocatalysts Modified with Noble Metals on Exposed {001} and {101} Facets for Decomposition of Organic Compounds (Hokkaido Univ., Gdansk Univ., Univ. Paris-Sud) Z. Wei, M. Janczarek, J. Verrett, H. Remita, B. Ohtani, E. Kowalska
- 2P103** Photocatalytic Activity of Noble Metal-modified Titania against Bacteria and Fungi (Hokkaido Univ., West Pomeranian Univ. Tech.) M. Endo, B. Karabiyik, K. Yoshiiri, P. Rokicka, A. Markowska-Szczupak, K. Wang, B. Ohtani, E. Kowalska
- 2P104** Doping Effect of Metal Ions on Visible-light Driven Photocatalytic Activity of Apatite (Nagaoka Univ. Tech.) L. H. Tan, W. Yang, Y. Nakabayashi, M. Nishikawa, Y. Nosaka
- 2P105** Quantum Chemical Studies on the Electronic States of Re-complex Formed on the Pore-Wall Surface of Mesoporous Organosilica Hybrids (TCRDL, ACT-C) S. Shirai, U. Yamada, Y. Magawa, S. Inagaki
- 2P106** Synthesis of Highly Luminescent Iridium Complexes Based on Intramolecular Energy Transfer and Their Application to Oxygen Probes (Gunma Univ.) G. Shimada, T. Yoshihara, T. Kikuchi, S. Tobita
- 2P107** Synthesis and Properties of Triazine Substituted Phosphorescence Complexes (Josai Univ.) M. Muroga, M. Hashimoto
- 2P108** One-pot Photochemical Synthesis and Redox Properties of Dinuclear Ruthenium Complexes as an Active Catalyst for Water Oxidation (Niigata Univ., National Defense Academy, Japan) S. Nagai, M. Hirahara, T. Sato, K. Saito, T. Yui, M. Yagi
- 2P109** Photochemical Hydrogen Generation Catalyzed by Cobalt Complexes in Vesicles Using Ascorbic Acid as an Electron Donor (Univ. Tokyo) S. Matsushima, S. Takizawa, S. Murata
- 2P110** Development of Mitochondria-selective Oxygen Probes Based on Iridium Complex (Gunma Univ.) Y. Oka, T. Yoshihara, S. Tobita
- 2P111** Aluminum Porphyrins as a Versatile Candidate for Artificial Photosynthesis (Tokyo Metropolitan Univ.) S. Mathew, F. Kuttassery, D. Yamamoto, S. Onuki, Y. Nabetani, H. Tachibana, H. Inoue
- 2P112** Synthesis and Photophysical Properties of Macrocyclic Porphyrin Tetramer (NAIST, Univ. Yamanashi, Univ. Michigan) T. Yotsutuji, K. Ogawa, J. Raymond, T. Goodson, Y. Kobuke