

Poster Presentation: October 13 (Mon)

Odd number (13:20 ~ 14:10)

Even number (14:10 ~ 15:00)

【FCC Build. 1F & 2F】

- 3P001** Light-induced Liquid-Liquid Phase Separation in Protein Solution by Photon Pressure (Hokkaido Univ.) I. Yoshimatsu, A. Miura, N. Kitamura
- 3P002** Observation of Growth Process of Gold Square Nanoplates Induced by UV Light Irradiation in Water and 2-Butoxyethanol Mixtures (Tohoku Univ.) T. Okamoto, D. Shirasawa, S. Kajimoto, H. Fukumura
- 3P003** Microparticle Formation and Its Control by Laser Trapping in Thermoresponsive Polymer/Alcohol/Water Ternary System (Hokkaido Univ.) R. Nohara, A. Miura, N. Kitamura
- 3P004** A Single Molecule Fluorescent Study and a Laser T-jump Study on Phase Separation Dynamics of Aqueous Thermo-responsive Polymer Solutions (Hokkaido Univ., Fukuoka Univ., Univ. Tokushima, KU Leuven, Osaka City Univ.) T. Tada, Y. Katsumoto, T. Hirano, K. Ute, K. Goossens, H. Uji-i, J. Hofkens, N. Kitamura, Y. Tsuboi
- 3P005** Microenvironmental Dynamics of Polymer Probed by Single-molecule Spectroscopy of 4-Dimethylamino-4'-nitrostilbene (Kyoto Inst. Tech.) K. Oji, S. Machida, N. Ikeda
- 3P006** Preparation of Polyimide Nanoparticles by Laser Radiation and Their Photophysical Properties (Kyoto Inst. Tech.) A. Yamasa, S. Machida, N. Ikeda
- 3P007** Photocrosslinking of Blends of Multifunctional Diphenylfluorene Derivatives and Polysilanes Using a Visible Light-sensitive Photoacid Generator (Osaka Pref. Univ.) H. Okamura, K. Funamoto, K. Minokami, S. Miyauchi, A. Matsumoto
- 3P008** Synthesis and Evaluation of the Optical Property of the Polymer Containing Azaphenylene in the Main Chain Conjugation (Kyoto Univ.) M. Hirose, K. Tanaka, Y. Chujo
- 3P009** A Study of Structure-related Optical Properties of Organic Semiconductor Thin Films by Using a Combination of Differential Reflectance Spectroscopy and X-ray Scattering Technique (AIST, Univ. Tübingen) T. Hosokai, A. Hinderhofer, A. Gerlach, G. Ligorio, A. Vorobiev, F. Schreiber
- 3P010** Substituent Effect on Optical Properties of Fluorene Derivatives Bearing *S,S*-Dioxidized Thiophene (Osaka City Univ.) T. Nakahama, S. Kobatake
- 3P011** Photochromism of Diarylethene on Anisotropic Gold Nanoparticle (Kyoto Univ., JST PRESTO) M. Nakazaki, K. Higashiguchi, K. Matsuda
- 3P012** Photoinduced Reversible Morphological Transformation of Diarylethene Supramolecular Assembly (Kyoto Univ., JST PRESTO) K. Higashiguchi, G. Taira, J. Kitai, T. Hirose, K. Matsuda
- 3P013** Non-linear Fluorescence Photoswitching of a Fluorescent Diarylethene Nanoparticle (Hokkaido Univ., PPSM, ENS Cachan) T. Fukaminato, J. Su, R. Métivier, K. Nakatani
- 3P014** Mg Vapor Deposition Modulation on Photochromic Diarylethene Crystal Surfaces (Osaka Kyoiku Univ.) K. Yamamoto, Y.. Lin, T. Tsujioka
- 3P015** No Poster
- 3P016** Development of an Environmentally Sensitive Fluorescent 3-Deaza-2'-deoxyadenosine and Its Applications to DNA Probe (Nihon Univ.) A. Suzuki, T. Yanaba, T. Aso, I. Saito, Y. Saito
- 3P017** Applications of Y₂O₃:Er,Yb Nanoparticles Prepared by Laser Ablation in Liquid to Photodynamic Therapy (Tokyo Tech.) T. Ikehata, Y. Onodera, T. Nunokawa, S. Ogura, T. Kamachi, O. Odawara, H. Wada

- 3P018** Elucidation of Firefly Luciferase Functions: Synthesis and Spectroscopic Property of Amino-substituted DehydroLuciferins (Univ. Electro-Commun.) T. Azami, T. Matsushashi, S. Maki, T. Hirano
- 3P019** Studies on the Light-color Modulation Mechanism of Firefly Bioluminescence: A Substituent Effect with Luciferin Analogs (Univ. Electro-Commun.) F. Goto, T. Matsushashi, S. Maki, T. Hirano
- 3P020** Physical Properties of Chlorosomal Tube-shaped Self-aggregates of Zinc Chlorophyll Derivatives (Ritsumeikan Univ.) S. Shoji, H. Tamiaki
- 3P021** Reconstitution of Amphiphilic Bacteriochlorophyll *a* Derivatives with Chlorosomes of Green Sulfur Photosynthetic Bacteria (Kinki Univ., Ryukoku Univ., Ritsumeikan Univ.) N. Takahashi, T. Miyatake, H. Tamiaki, Y. Saga
- 3P022** Intramolecular Photo-asymmetric Reaction within Chiral Cavity of Human Serum Albumin (Shibaura Inst. Tech., Showa Univ.) M. Shimbo, M. Go, K. Imai, A. Nakamura
- 3P023** Investigation of the Photoinduced Cleavage Reaction of Triazatriangulene Leuco Derivatives (Kyoto Univ.) T. Hirose, S. Yokoyama, K. Matsuda
- 3P024** Effect of Electron Carriers on the Efficiency of the Photoinduced Electron Transport Reaction in Vesicles (Univ. Tokyo) M. Tatsumura, S. Takizawa, S. Murata
- 3P025** Synthesis of C_2 Chiral Macrocyclic Polyethers by Photocycloaddition Reaction of Chromone Derivatives (Chiba Univ.) M. Sakamoto, S. Katabira, R. Taira, W. Yoshida, F. Yagishita, Y. Kasashima, T. Mino
- 3P026** Substituent Effects on Photochemical Behavior of Pyridine-Pyrrole Dyad Which Has Isomerization and Intramolecular Hydrogen-bonding Unit (Tsukuba Univ.) S. Kurihara, Y. Nishimura, T. Arai
- 3P027** Photochemistry and Photophysics of Tethered Arene Donor-Alkene Acceptor Systems Controlled by Linker Conformation (Osaka Univ.) N. Matsuki, Y. Aoki, T. Ito, E. Nishiuchi, T. Mori, G. Hukuhara, Y. Inoue
- 3P028** A Fluorescent Polymeric Thermometer for Ratiometric Sensing of Intracellular Temperature (Univ. Tokyo, Kirin Co. Ltd., NAIST) S. Uchivama, T. Tsuji, K. Ikado, K. Kawamoto, T. Hayashi, N. Inada
- 3P029** Isomerization of the Amphiphilic Azobenzene Dendrimers in the Ground and Excited States (Univ. Tsukuba) S. Hoshino, S. Fukushima, T. Arai
- 3P030** Synthesis and Photophysical Properties of Porphyrin-Graphene Composites Covalently Linked with Oligophenylene Spacers (Kyoto Univ.) T. Hanaoka, J. Baek, T. Umeyama, H. Imahori
- 3P031** Photochemical Behavior of Aromatic Eneidyne Derivatives (Univ. Tsukuba) R. Ichino, T. Arai
- 3P032** Synthesis of Photosensitizer as a High Activity Reactive Oxygen Species Donor (Showa Univ., Shibaura Inst. Tech.) K. Imai, E. Abe, M. Simbo, M. Go, R. Yaguchi, K. Fukuhara, A. Nakamura
- 3P033** Optical Properties of Emissive Phenothiazine Derivatives and Their Substitution Effects (Osaka City Univ.) A. Karimata, S. Suzuki, M. Kozaki, Y. Tachi, K. Okada
- 3P034** Studies on Dye-sensitized Solar Cells Fabricated with 1,3-Bis(2-pyridylimino)isoindoline Platinum Complexes Linked with Electron Donor Moieties (Osaka City Univ., Shizuoka Univ.) Y. Matsumoto, S. Suzuki, A. Karimata, M. Kozaki, Y. Muramatsu, A. Konno, K. Okada
- 3P035** Development of Blue-light-controllable Nitric Oxide Releaser and Its Biological Application (Nagoya City Univ.) N. Ieda, Y. Hotta, K. Kimura, M. Kawaguchi, N. Miyata, H. Nakagawa
- 3P036** Photochemical Decomposition of Environmentally Persistent Trifluoroacetic Acid by Use of Electrolyzed Sulfuric Acid (Kanagawa Univ., AIST, Permelec Electrode Ltd.) H. Hori, R. Manita, R. Yamaguchi, K. Yamamoto, S. Kutsuna, M. Kato
- 3P037** Photo-induced Electron Transfer from Excited Singlet State of Rhodamine B: Application for Organic Synthesis on Perfluoroalkyl Radical Reactions (Hyogo Univ. Health Sci., Kyoto Univ.)

- E. Yoshioka, S. Kohtani, T. Jichu, T. Fukazawa, T. Nagai, R. Nakagawa, Y. Takemoto, H. Miyabe
- 3P038** 2-Aminotryptanthrin Derivatives with 7-Substituted Coumarin as FRET-based Fluorescent Chemosensors for Metal Ions (Hirosaki Univ.) T. Henmi, J. Kawakami, S. Ito
- 3P039** Absorption and Fluorescence Properties of Aromatic-ring-fused 2-Aminotryptanthrin Derivatives (Hirosaki Univ.) A. Tsuiki, J. Kawakami, S. Ito
- 3P040** Absorption and Fluorescence Properties of 2-Aminotryptanthrin Derivatives with Benzo-fused BODIPY (Hirosaki Univ.) K. Kimura, J. Kawakami, S. Ito
- 3P041** Photochemistry of Caged Compounds Having Intramolecular Hydrogen Bond (Univ. Tsukuba) T. Honda, T. Arai
- 3P042** Evaluation of [2+2] Photodimerization of Stilbene Derivatives by Using DNA Duplex as a Scaffold (Nagoya Univ.) T. Doi, T. Sakakibara, H. Kashida, H. Asanuma
- 3P043** Time Resolved EPR Study on Photoinduced Primary Charge-separated State of the PSII Reaction Center from Spinach (Kobe Univ., Nagoya Univ.) M. Hasegawa, T. Miura, T. Tachikawa, H. Mino, Y. Kobori
- 3P044** Measurement of Magnetic Field Effects Using Benzophenone Ketyl Radical Luminescence by Two-step Two-lasers Flash Photolysis (Saitama Univ.) A. Takashino, T. Yago, M. Wakasa
- 3P045** Time-resolved CD Study on the Photodynamics of Cyclodextrin Inclusion Complex (Tohoku Univ.) Y. Araki, M. Kuronuma, K. Sakamoto, T. Wada
- 3P046** Fluorescence Studies on Phenylene Moieties in a Framework of Organosilica Nanotube (Toyota Central R&D Labs.) K. Yamanaka, X. Liu, Y. Goto, S. Inagaki
- 3P047** Femtosecond Fluorescence Dynamics of D-aminoacid Oxidase: Study on Functional Inhibitory Effect (ILT, Osaka City Univ.) S. Taniguchi, H. Chosrowjan, T. Nakanishi, M. Kitamura, F. Tanaka
- 3P048** Reactivity of Thio-substituted Nucleic Acid Bases with Singlet Oxygen Molecule (Aoyama Gakuin Univ.) T. Suzuki, T. Isozaki
- 3P049** Effect of Surfactant Additives on Silver Nanoparticle Formation via Two Photon Photoreduction of Silver Ions (Tohoku Univ.) S. Kajimoto, U. Y. Qazi, H. Fukumura
- 3P050** Study of the Primary Process of Polystyrene by Means of the Pulse Radiolysis Technique (Osaka Univ.) M. Gohdo, T. Kondoh, K. Kan, J. Yang, S. Tagawa, Y. Yoshida
- 3P051** Coherent Nuclear Wavepacket Motion Observed in Ultrafast Photoinduced Intramolecular Charge Transfer Reactions in Ionic Liquids (Osaka Univ., JST PRESTO) E. Takeuchi, M. Muramatsu, T. Katayama, S. Ito, Y. Nagasawa, H. Miyasaka
- 3P052** Field Enhancement Effect in Plasmon-Exciton Strong Coupling System of Gold Nanostructures and Spatially-selective Nanopatterned Dye J-Aggregates (Hokkaido Univ.) H. Uehara, T. Oshikiri, K. Ueno, H. Misawa
- 3P053** Thermal Dynamics of a Single Au NP Applying Wide-field Femtosecond Transient Absorption Microscopy Measurement (Osaka Univ.) K. Setoura, T. Katayama, S. Ito, H. Miyasaka
- 3P054** Microscopic Study on Plasmon-Exciton Interactions in Gold Nanorod-Quantum Dot Hybridized Systems (Waseda Univ.) S. Noda, K. Imura
- 3P055** Control of Photoluminescence Enhancement and Quenching in Semiconductor Nanoparticles Using Localized Surface Plasmon (Osaka City Univ.) M. Hizume, T. Taniguchi, H. Yokota, D. G. Kim
- 3P056** Optical Trapping of Nanoparticles Based on Plasmonic Gold Nanohole Arrays (Osaka City Univ.) T. Shoji, Y. Tsuboi
- 3P057** Driving Thermophoresis by Single Gold Nanoparticle Laser Heating (Univ. Tokushima) Y. Okada, K. Setoura, S. Hashimoto
- 3P058** Unconventional White-light Fluorescence of CdSe Quantum Dots Synthesized at Room Temperature (Josai Univ.) M. Ishikawa, S. Matsuzaki, H. Suzuki, T. Uwada

- 3P059** Plasmon-enhanced Photocurrent Generation on Nano-patterned TiO₂ Single Crystal Electrode (Hokkaido Univ.) X. Shi, K. Ueno, T. Oshikiri, H. Misawa
- 3P060** Charge-carrier Dynamics in p-Type Electrocatalyst Studied by Femtosecond Time-resolved Reflectance Spectroscopy (Toyota Central R&D Labs.) K. Yamanaka, S. Sato, T. Kajino, T. Morikawa
- 3P061** Photo-excited Carrier Dynamics of CdSe Quantum Dots Sensitized Solar Cells with Different Sensitizer Adsorption Time (Chuo Univ., Univ. Electro-Commun., JST CREST) K. Sato, N. Osada, S. Kuwahara, K. Katayama, T. Toyoda, Q. Shen
- 3P062** Temperature Dependence of Optical Properties in Colloidal CdTe and CdTe/CdS Quantum Dots (Osaka City Univ.) T. Watanabe, K. Takahashi, K. Shimura, M. Nakayama, D. G. Kim
- 3P063** Magnetoconductance and Carrier Dynamics in a Bulk Heterojunction Solar Cell (Niigata Univ., JST CREST) R. Shoji, T. Omori, Y. Wakikawa, T. Miura, T. Ikoma
- 3P064** Fabrication of High-efficiency Photoelectric Conversion Devices Using Nanophotonic Structures and Bacteriorhodopsin (NICT) T. Kaji, K. Kasai, S. Inoue, Y. Haruyama, T. Yamada, Y. Tominari, R. Ueda, T. Terui, S. Tanaka, A. Otomo
- 3P065** In-situ Evaluation of Photocatalytic Carriers in TiO₂ Sol Solution with the Transient Grating Method (Chuo Univ.) S. Kuwahara, K. Mizusawa, K. Katayama
- 3P066** Overall Water Splitting on Rutile Titania Photocatalyst: Relationship between Structure and Activity (Tokyo Inst. Tech.) K. Maeda
- 3P067** Charge Carrier Dynamics of Commercially Available TiO₂ Photocatalysts Studied by Time-resolved Microwave Conductivity (Nihon Univ.) S. Nakajima, R. Katoh
- 3P068** Optical Properties of Surface-modified Metal Nanoparticles with Dye (Univ. Tsukuba) M. Eguchi, T. Ishibashi
- 3P069** Synthesis and Photoluminescence Properties of Cu/Pd Alloy NCs by Using Chemical Reduction (Hokkaido Univ.) M. Chiba, T. Nakanishi, Y. Hasegawa, T. M. Nguyen, Y. Ishida, T. Yonezawa
- 3P070** Influence of Metal Nanoparticles on Photon Upconversion Based on Sensitized Triplet-Triplet Annihilation (Kyushu Univ.) H. Yonemura, Y. Naka, R. Matsumoto, S. Yamada
- 3P071** Synthesis and Optical Properties of Metal Nanoparticle Networks Covered with Polymer (Osaka City Univ.) E. Sugata, S. Kobatake
- 3P072** Solid State Stability and Fluorescence of Terpyridine: A Theoretical Study (ITCN, Nagasaki Univ., Univ. Tokyo) Y. Shigemitsu, T. Mutai, K. Araki
- 3P073** Photo-induced Charge Separation in Organic Crystal/TiO₂ Nano-particle Composites (Nihon Univ.) A. Okazaki, R. Katoh
- 3P074** The Nanostructure of Layered Hybrids Composed Polyfluoroalkyl Azobenzene and Niobate Nanosheet (Tokyo Metropolitan Univ.) H. Horiguchi, S. Matsukura, V. Ramacrishnan, Y. Nabetani, H. Tachibana, H. Inoue
- 3P075** PbS Colloidal Quantum-dot/ZnO Nanowire-array Solar Cells Yielding High Efficiency in the Near-infrared Region and Long-term Stability (Univ. Tokyo, Toin Univ. Yokohama) H. Wang, Y. Sanehira, T. Kubo, J. Nakazaki, H. Segawa
- 3P076** Fabrication of Three-dimensional Photonic Crystals with Stop Band at Visible Wavelength by Direct Laser Writing and Annealing (Hokkaido Univ.) T. Tokiwa, Q. Sun, K. Ueno, H. Misawa
- 3P077** Analysis of Multipole Modes for Plasmon Sensing (Hokkaido Univ.) K. Sakai, T. Yamamoto, K. Nomura, Y. Takeuchi, K. Sasaki
- 3P078** Exciton Annihilation in Dye-adsorbed Semiconductor Nanocrystalline Films (Nihon Univ.) A. Namekawa, R. Katoh
- 3P079** Polarized Electroabsorption Spectra of Carbazole Dendrimers (Hokkaido Univ., Tokyo Inst. Tech.) T. Mukai, H.-C. Chiang, K. Awasthi, K. Albrecht, K. Yamamoto, N. Ohta

- 3P080** Planar Organic Memory with a Diarylethene/Copper-nanoparticle Composite Layer (Osaka Kyoiku Univ.) M. Nobunaga, M. Dohi, T. Tsujioka
- 3P081** Luminescent Thin Films Composed of Lanthanide Coordination Polymers (Hokkaido Univ., Osaka Pref. Univ.) T. Sugawara, T. Nakanishi, H. Naito, K. Fushimi, Y. Hasegawa
- 3P082** Characteristic Photophysical Properties of Stacking Europium(III) Coordination Polymers with Two Dimensional Phosphine Oxide Ligands (Hokkaido Univ.) S. Tateno, T. Nakanishi, K. Fushimi, Y. Hasegawa
- 3P083** Interaction between DNA/CTMA Complex and Chiral Eu(III) Chelate and Its Effects on the Photophysical Properties (Chiba Univ.) W. Watanabe, K. Nakamura, N. Kobayashi
- 3P084** Synthesis and Magneto-optical Properties of Terbium Oxide Nanocrystals (Hokkaido Univ.) A. Kawashima, T. Nakanishi, K. Fushimi, P. O'Brien, Y. Hasegawa
- 3P085** Microscopic Investigation of Photocatalytic Materials at the Nanoscale (KU Leuven) E. Debroye, K. P. F. Janssen, M. B. J. Roefsaers, J. Hofkens
- 3P086** Integrated Super-resolution Optical and Scanning Electron Microscopy: Towards Investigating Local Interactions of Single Molecules and Plasmonic Nanostructures (KU Leuven) H. Yuan, K. P. F. Janssen, H. Uji-i, M. Roefsaers, J. Hofkens
- 3P087** Axial Ligand Adsorption of Aluminum Porphyrins on Titanium Oxide Prepared from Sol-Gel Method (Tokyo Metropolitan Univ.) S. Onuki, D. Yamamoto, S. Mathew, F. Kuttassery, S. Sagawa, Y. Nabetani, H. Tachibana, H. Inoue
- 3P088** Structural and Luminescence Properties of Lanthanide Complexes with Imidazole-based Ligands, and Their Reaction with Nitric Oxide (Toho Univ.) T. Shimoyama, C. Kachi-Terajima
- 3P089** Synthesis of Pyridinyl-appended Subnanometer-sized Gold Cluster and Their Proton Induced Responses (Hokkaido Univ.) M. Iwasaki, N. Kobayashi, M. Sugiuchi, Y. Shichibu, K. Konishi
- 3P090** Synthesis of Eu(II):CaS Nanocrystals and Their Optical Properties (Hokkaido Univ.) T. Nakanishi, K. Watanabe, A. Kawashima, K. Fushimi, Y. Hasegawa
- 3P091** Photophysical Properties of Eu(III) Coordination Polymers Cross-linked with Metal Complexes (Hokkaido Univ.) M. Yamamoto, T. Nakanishi, T. Seki, H. Ito, K. Fushimi, Y. Hasegawa
- 3P092** Silicon Porphyrins as Molecular Catalyst for Water Oxidation- Electrochemical Prospect (Tokyo Metropolitan Univ.) S. N. Remello, T. Hirano, D. Yamamoto, Y. Nabetani, H. Tachibana, H. Inoue
- 3P093** Synthesis, Photophysical and Electrochemical Studies of Tin Metalloporphyrins as a Potential Candidate of the Water Oxidation Catalyst (Tokyo Metropolitan Univ.) T. Arun, D. Yamamoto, Y. Nabetani, H. Tachibana, H. Inoue
- 3P094** Enhancement of Photocatalytic H₂ Production over Pt Embedded NH₂-MIL-101 from Water (Osaka Univ.) M. Wen, K. Mori, Y. Kuwahara, H. Yamashita
- 3P095** Photochemical Hydrogen Evolution Sensitized by Iridium Complexes with Ligands of 2-(2-Pyridyl)benzo[*b*]thiophene Derivatives (Univ. Tokyo) F. Zeng, S. Takizawa, S. Murata
- 3P096** Excited-state Characteristics of Polypyridyl Ruthenium(II) Complexes in Ion Exchange Resins (Osaka City Univ.) N. Kishida, Y. Teki, A. Ito
- 3P097** Photochemical Oxygenation of Hydrocarbons with Water Sensitized by Silicon Porphyrin (Tokyo Metropolitan Univ.) T. Hirano, S. N. Remello, Y. Nabetani, D. Yamamoto, S. Onuki, H. Tachibana, H. Inoue
- 3P098** Time Resolved Infrared Vibrational Spectroscopy of Various Rhenium Diimine Biscarbonyl Complexes with Arylphosphine Ligands (Tokyo Tech., JST RESTO) M. Funaki, Y. Yamazaki, T. Morimoto, O. Ishitani, S. Tanaka, S. Koshihara, K. Onda
- 3P099** Photo-decarbonylation of a Novel Re(bpy)(CO)₂Cl₂ Complex with Bulky Substituents at 6,6'-Positions in 2,2'-Bipyridine (Kitasato Univ.) J. Itabashi, Y. Kuramochi, K. Ushida, H. Ishida

- 3P100** Photophysical and Photochemical Studies on Novel Tricarbonyl Rhenium(I) Complexes with Multiple-arylborane Charge Transfer Units (Hokkaido Univ., Osaka City Univ., JST PRESTO) Y. Kang, E. Sakuda, A. Ito, N. Kitamura
- 3P101** Elucidation of the Excited States of an Arylborane-ruthenium(II) Complex by Time-resolved Infrared Spectroscopy (Tokyo Tech., Hokkaido Univ., Osaka City Univ., JST PRESTO) S. Tanaka, E. Sakuda, C. Matsumoto, A. Nakagawa, A. Ito, N. Kitamura, S. Koshihara, K. Onda
- 3P102** Experimental Approaches to High Efficient Photoreduction of CO₂ Using Ruthenium(II) Complexes Having Arylborane Units (3). Reaction Tracking of One-electron Reduction Species (Hokkaido Univ., JST PRESTO) N. Ishizaki, M. Tanaka, E. Sakuda, N. Kitamura
- 3P103** Substitution Effects of Multiple Arylborane Units on Photophysical Properties of Tris(2,2'-bipyridyl)ruthenium(II)-type Complexes (Hokkaido Univ., JST PRESTO, Osaka City Univ.) A. Nakagawa, E. Sakuda, A. Ito, N. Kitamura
- 3P104** Improvement of Z-Scheme Photocatalysis of Hybrids Constructed with Semiconductor and Metal Complexes for CO₂ Reduction (Tokyo Tech., Kyoto Univ., JST CREST) T. Nakashima, K. Sekizawa, M. Higashi, R. Abe, K. Maeda, O. Ishitani
- 3P105** Identification of Reaction Intermediates in Photochemical CO₂ Reduction Sensitized by Rhenium Bipyridine Complexes (Tokyo Metropolitan Univ.) V. N. Pratheesh, Y. Ko, D. Yamamoto, Y. Nabetani, H. Tachibana, H. Inoue
- 3P106** Construction of a Microflow System for Carbon Dioxide Photoreduction (Hokkaido Univ., JST PRESTO) C. Ono, E. Sakuda, N. Kitamura
- 3P107** Substituent Effect on Photophysical Properties of an Iridium Complex with 2,2'-Bipyryl as an Ancillary Ligand (Univ. Tokyo) S. Komaru, S. Takizawa, S. Murata
- 3P108** Photochemical Behavior of an Anionic Iridium Complex and Its Evaluation as a Sensitizer. (Univ. Tokyo) R. Kanou, S. Takizawa, S. Murata
- 3P109** Effect of Linking Moieties on the Photoinduced Electron Transport Reaction Sensitized by Iridium Complexes Having a Pyrenyl Group (Univ. Tokyo) R. Aboshi, S. Takizawa, S. Murata
- 3P110** Luminescence from an Auophilic Interaction in a Coordination Polymer Complex (Toho Univ., Ehime Univ.) K. Hiruma, A. Yamagishi, H. Sato, T. Kitazawa
- 3P111** Structures and Optical Properties of Luminescent Pt(II) Complexes (Hokkaido Univ.) Y. Shigeta, M. Yoshida, A. Kobayashi, M. Kato
- 3P112** Photophysical Properties of Novel Transition Metal Complex Which Introduced the Arylborane Unit to the Pyridine Ligand (Hokkaido Univ., JST PREST) S. Miyoshi, E. Sakuda, N. Kitamura