

Poster Presentations

Preparing Your Poster

Each presenter is provided with a 95cm (width) x 190cm (height) poster board that is marked with a poster number. Poster size is recommended to be 90cm (width) x 120cm (height). Mounting tapes will be available on the poster board for setup up. Please use the provided mounting tapes **only** as other material may damage the board.

Poster Set Up

Poster must be on display from 11:00–20:30 on the scheduled day. We encourage participants to set up your poster during the morning break.

Posters schedule are allocated as follows:

Mon-01-50: Monday 17th December, 2018. Level 2 of Conference Building.

Mon-51-100: Monday 17th December, 2018. Level 3 of Conference Building.

Tue-01-50: Tuesday 18th December, 2018. Level 2 of Conference Building.

Tue-51-100: Tuesday 18th December, 2018. Level 3 of Conference Building.

Interactive Session

Interactive session is scheduled at 19:00-20:30. Presenters should be available for discussion during the scheduled interactive session hour.

Removal of Poster

Please remove your poster by the end of your interactive session. All posters that are still on the poster board after the interactive session will be removed by the organizer at 21:00 of each day.

Monday 17th December, 2018

Conference Building Level 2

| Poster Number | Author (Affiliation) Poster Title |
|---------------|---|
| Mon-01 | Miharu Eguchi (National Institute for Materials Science) Anionic site of Layered Silicate Improves the Electrochromic Properties |
| Mon-02 | Jumpei Kuno (Nara Institute of Science and Technology) Optical Activity Inversion of Chiral HgS Nanoparticles Induced by Chiral Ligands Coordination Alternation |
| Mon-03 | Aamir Mushtaq (Indian Institute of Technology Mandi) Linear and Non-Linear Optical Properties of Layered Transition Metal Monochalcogenide |
| Mon-04 | Takuya Okamoto (Osaka City University) Synthesis of Gold Nanoparticles by Combination of Laser Induced Plasma and Liquid-Liquid Dispersion System |
| Mon-05 | Akihiro Kitashoji (Osaka City University) Overcoming the Restriction in Product Ion Analysis of Multiply Charged Ions by Using a Time-of-Flight Mass Spectrometer |
| Mon-06 | Yuki Horikawa (Osaka City University) Synthesis of Water-Dispersed and Single-Nano-Sized Iron Nanoparticles by Femtosecond laser Irradiation |
| Mon-07 | Yosaku Nomura (Ritsumeikan University) Synthesis of Chlorin-Bacteriochlorin Dyads Possessing a Rigid Linker and Construction of Light-Harvesting Antenna Models |
| Mon-08 | Aya Kometani (Aoyama Gakuin University) Rational Molecular Design for the Control of Negative Photochromic Properties of Binaphthyl-Bridged Imidazole Dimers |
| Mon-09 | Kazuki Okano (National Chio Tung University) Laser Trapping Dynamics in Co-crystallization of Acetaminophen and L-Phenylalanine |
| Mon-10 | Tomomi Kawakami (Osaka University) Ultrafast Electron Transfer Reaction via Photoionization Reaction of Aromatic Compounds |
| Mon-11 | Tatsuya Watase (Kobe University) Single-Particle Emission Observation of Ruthenium Complex Supported on Mesoporous Silica |
| Mon-12 | Yuta Murakami (Kobe University) Development of Titanium Dioxide Mesocrystals for Highly Efficient and Selective Photocatalysis: Role of Oriented Nano-Space |
| Mon-13 | Kota Ohashi (Ritsumekan University) Optical Properties of Synthetic Chalcone-Chlorophyll Conjugates |
| Mon-14 | Melbert Jeem (Hokkaido University) Controlling the Opto-electrical Properties of ZnO Nanorods via Submerged Photosynthesis of Crystallites |
| Mon-15 | Yudai Kobayashi (Nagoya Institute of Technology) Influence of Au-S Bonding Structures on Photo-Induced Electron Transfer Efficiency |
| Mon-16 | An-Chieh Cheng (National Chiao Tung University) |

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| | Plasmonic Optical Trapping-Controlled Chiral Crystallization of Sodium Chlorate |
| Mon-17 | Ayumi Nakayama (Tokyo Metropolitan University) Photochemical Behavior of Zwitterionic Photochromic Dye on Clay Nanosheets |
| Mon-18 | Tsung-Wei Shih (National Chiao Tung University) Laser Trapping-Controlled Enantioselective Supramolecular Photocyclodimerization of 2-Anthracenecarboxylic Acid Mediated by γ -Cyclodextrin |
| Mon-19 | Shunsuke Okamoto (Osaka University) Axial Micro-Motion of Optically Trapped Particles Induced by Using Stimulated Emission |
| Mon-20 | Shinya Nakamura (Osaka University) Optical Micromanipulation Based on Non-linear Photo-Absorption |
| Mon-21 | Ryosuke Usui (Ritsumeikan University) Synthesis and Optical Properties of Perylene-Substituted Lophine Nanostructures |
| Mon-22 | Lihua Zhang (Hokkaido University) The Role of Light During the Submerged Photosynthesis of ZnO Nanorods |
| Mon-23 | Miyu Sasaki (Hiroshima University) Development of New Inden-based Photolabile Protecting Group with Two-photon Absorption Character in Near-infrared Region |
| Mon-24 | Sayaka Hatano (Hiroshima University) Photo-Chemical Reaction of NBD Derivative with Quinoid Structure |
| Mon-25 | Yasunobu Nagano (Ritsumeikan University) Synthesis of Chlorophyll-a Derivatives Modified at an Inner Nitrogen Atom and Their Optical Properties |
| Mon-26 | Yasuhiro Shigemitsu (Industrial Technology Center of Nagasaki) ESIPT Luminescence Modulation of New Seven-Membered Heterocyclic Compounds: A Computational Study |
| Mon-27 | Elizabeth Mariam Thomas (Indian Institute of Science Education and Research (IISER)) Blinking Suppression in Highly-Excited CdSe/ZnS Quantum Dots by Electron Transfer under Large Positive Gibbs (Free) Energy |
| Mon-28 | Mishra Jhili (Indian Institute of Technology Madras) Effect of Un-conjugated Bile Salts on Tween20:cholesterol(1:1) Niosome Membranes |
| Mon-29 | Yu Yun Wang (National Chiao Tung University) HCl Formation in the Reaction of Cl Atom with Propene and cis-2-Butene Investigated with Step-Scan Time-resolved Fourier Transform Infrared Emission Spectroscopy |
| Mon-30 | Meng-Chen Shih (National Tsing Hua University) Does Tetrahydrofuran (THF) Behave like a Solvent or a Reactant in the Photolysis of Thionyl Chloride (Cl ₂ SO) in Cyclohexane? A Transient Infrared Difference Study |
| Mon-31 | Gayathri Devatha (Indian Institute of Science Education and Research) Light Induced Processes in Surface Engineered Eco-Friendly Quantum Dots in Water |
| Mon-32 | Soumya Sivalingam (Indian Institute of Technology (IIT)) The Excited State Dynamics of a Pyrene Derivative Which Exhibits PET in Monomer State and FRET in Aggregated State |
| Mon-33 | Ke-Chia Tseng (National Tsing Hua University) Protein Dynamics of Bovine Serum Albumin in the Native Condition Extracted with Confocal Fluorescent Temperature Jump |
| Mon-34 | Yusuke Nakakuki (Kyoto University) Hexa-peri-hexabenz[7]helicene: Precise Synthesis of a Homogeneously π -Extended Helicene as a Primary Substructure of Helically Twisted Chiral Graphenes |

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| Mon-35 | Guangyi Chen (Hokkaido University) Effect of Braying and Post-Calcination of Anatase Titania Samples on their Structure and Photocatalytic Activity |
| Mon-36 | Surjendu Bhattacharyya (Academia Sinica) Unravelling the Picosecond Photodissociation Dynamics of Acetaldehyde |
| Mon-37 | Kaoru Usami (Gifu Pharmaceutical University) Development of Iminyl Radical Generation Method from Benzyl Oxime Ether via Visible Light Irradiation |
| Mon-38 | Kam Keung Leung (City University of Hong Kong) Utilization of Phosphorogenic Iridium(III) Nitron Complexes as Synthetic Probes for the SNAP-Tag Protein |
| Mon-39 | Remya Ramakrishnan (Indian Institute of Science Education and Research Thiruvananthapuram) Structure-Packing-Property Correlation of Self-Sorted Versus Interdigitated Assembly in TTF-TCNQ-Based Charge-Transport Materials |
| Mon-40 | Mayu Yamaji (Saitama University) Growth Control of Organic Optoelectronic Crystals by Femtosecond Laser Ablation |
| Mon-41 | Mai Watanabe (Nara College) Endosomal Escape by Photo-Activated Fusion of Liposomes Containing Malachite Green Derivative: Photoresponsive Liposomes for Drug Delivery Vehicles |
| Mon-42 | Yoshio Saito (Nihon University) Molecular Design of a Fluorescent Benzo[g]imidazo[4,5-c]quinoline Nucleoside: Detection of Cytosine in Complementary DNA by Changes in Fluorescence Wavelength and Intensity |
| Mon-43 | Kohki Tominaga (Ehime University) High-Sensitive Detection of Gold Nanoparticle Aggregates in Solution by Using Optical Light Scattering Microspectroscopy |
| Mon-44 | Ryo Kihara (Ehime University) Fabrication of Chloroaluminum Phthalocyanine Nanoparticles by Laser Fragmentation in Water |
| Mon-45 | Wai Cheng (Christine) Wong (Academia Sinica) Characterization of Supported Bilayer Membranes Derived from Cell Membranes by Single-Molecule Imaging |
| Mon-46 | Ching-Ya Cheng (Academia Sinica) Contrast Enhancement of Coherent Brightfield (COBRI) Microscopy for High-Speed Imaging and Tracking of Very Small Single Nanoparticles |
| Mon-47 | Yi-Hung Liao (Academia Sinica) Monovalent Optical Probe for Ultrahigh-Speed Single-Particle Tracking of Molecular Movement in Cell Membranes |
| Mon-48 | Guoqiang Yang (Chinese Academy of Sciences) Molecular Design and Application of Chemiluminescent Probe in Cells |

Monday 17th December, 2018

Conference Building Level 3

| Poster Number | Author (Affiliation) Poster Title |
|---------------|--|
| Mon-51 | Rajashree Banerjee (Indian Institute of Science Education and Research (IISER) Kolkata) Piecemeal Rekindling of Coumarin 6 Fluorescence on Stepwise Unfolding of Protein by Surfactant |
| Mon-52 | Zhengyang Zhang (Nanyang Technological University) Two-Dimensional Electronic-Raman Spectroscopy |
| Mon-53 | Issei Aibara (University of Tokushima) Optical-Heating Induced Formation of Polymer Droplet Surrounding a Gold Nanoparticle |
| Mon-54 | Gia Chuong Phan-Quang (Nanyang Technological University) Plasmonic Hotspots in Air: an Omnidirectional 3D Platform for Stand-off in-Air SERS Sensing of Airborne Species. |
| Mon-55 | Tomoya Kurata (Osaka University) Photosynergetic Responses of Diarylethene Nanoparticles Leading to Cycloreversion Reaction. |
| Mon-56 | Seigo Mizutani (Kobe University) Single-Particle Emission Observation of NaTaO ₃ Photocatalysts Using Deep Ultraviolet Fluorescence Microscope |
| Mon-57 | Motoharu Inagaki (Nagoya Institute of Technology) Ultra-Low-Frequency SERS Observation of Various Thiol Monolayers on Au Electrodes |
| Mon-58 | Sena Hashimoto (Kanagawa University) Ultrafast Spectroscopy Using a UV sub-10-fs Pulse Laser to Clarify Solvent Effect on the Photo-Reaction in 9,9'-Bianthryl |
| Mon-59 | Yuka Tachii (Osaka University) Stepwise Two-photon Cycloreversion Reaction of a Diarylethene Derivative Controlled via Vibrational Coherence |
| Mon-60 | Shingo Fujimoto (Osaka University) Solvent Effect on Ultrafast Proton Transfer in 1-Pyrenol-triethylamine Complex |
| Mon-61 | Masafumi Koga (Osaka University) Direct Observation of Photoionization Dynamics in Solution Phase Induced by Femtosecond Double-Pulse Excitation |
| Mon-62 | Izumi Iwakura (Kanagawa University) Real-time Measurements of Ultrafast Electronic Dynamics of 4,5-Dimethoxy-2-nitrobenzyl Acetate Using Sub-10 FS Laser Pulses |
| Mon-63 | Tatsuo Nakagawa (Unisoku Co.) Simultaneous Measurement of Multiple - Wavelengths Transient Absorption by Randomly-Interleaved-Pulse-Train (RIPT) Method |
| Mon-64 | Takahiko Murakami (Kanagawa University) Excitation Wavelength Dependence of Ultrafast Intramolecular Charge Transfer |
| Mon-65 | Karolina Anna Haupa (National Chiao Tung University) Tunneling Reactions of Hydrogen-atoms in Solid para-Hydrogen. |
| Mon-66 | Kenta Mizuse (Tokyo Institute of Technology) |

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| | High-Precision Imaging of Laser-Induced Molecular Rotational Wave Packet Dynamics |
| Mon-67 | Minoru Yamaji (Gunma University) Photoinduced Ω -Bond Dissociation of Aromatic Carbonyls in Higher Triplets Triggered Upon Triplet Sensitization Studied by Laser Flash Photolysis |
| Mon-68 | Sohidul Islam Mondal (Academia Sinica) Does Vibrational Phase of Reactant Affect Chemical Reactivity? |
| Mon-69 | Kenta Motobayashi (Nagoya Institute of Technology) In-Situ SEIRAS Observation of Co Electrodeposition in an Ionic Liquid Triggered by Interfacial Restructuring |
| Mon-70 | Tomoyoshi Suenobu (Osaka University) Transient Absorption Spectra of Strongly Fluorescent Oligophenylenes and the Reaction Kinetics with Oxygen Based on Randomly-Interleaved-Pulse-Train Method |
| Mon-71 | Subhajit Chakraborty (Indian Institute of Science Education and Research Bhopal) Spectroscopic Investigation of the Role of Tyrosine Towards the Formation of Metal Nanoclusters |
| Mon-72 | Shuhei Ogita (Osaka City University) Optical Trapping for Polymer Nanobeads on the Surface of Nano-Structured Substrates: Quantitative Evaluation of Trapping Stiffness |
| Mon-73 | Yuki Uenobo (Osaka City University) Novel Optical Tweezers Using a Metallic Substrate with Nano-Needle Structures |
| Mon-74 | Moe Kitaba (Osaka City University) A Laser Study for Acceleration of Phase Separation of Poly(N-isopropylacrylamide) Aqueous Solutions |
| Mon-75 | Hiro Minamimoto (Hokkaido University) Investigation on Isotopic Hydrogen Evolution Reactions via Electrochemical Mass-Spectroscopy and Surface-Enhanced Raman Scattering Observations |
| Mon-76 | Yuchun Wang (Hokkaido University) Electrochemical Active Control of the Strong Coupling State between Ag/MoS ₂ Heterostructure |
| Mon-77 | Tatsuya Nagai (Osaka City University) Optical Trapping of Poly(N-isopropylacrylamide) Labeled with Rhodamine B by Nano-Structured Semiconductor-Assisted (NASSCA) Optical Tweezers |
| Mon-78 | Kayo Fujiwara (Osaka City University) Confocal Raman Microspectroscopy with Optical Tweezers for Analyzing Droplets of Various Thermoresponsive Polymers |
| Mon-79 | Sawa Komoto (Osaka City University) Nano-Structured Semi-Conductor-Assisted (NASSCA) Optical Tweezers for Assembling Numerous Polymer Nanoparticles |
| Mon-80 | Daiki Yamanishi (Osaka City University) Liquid/Liquid Interface-Assisted Optical Trapping of Semiconductor and Noble Metallic Nanocrystals |
| Mon-81 | Chih-Hao Huang (National Chiao Tung University) Laser Trapping and Swarming of Metallic Nanoparticles at Glass/Solution Interface |
| Mon-82 | Abdullah Kamit (National Chiao Tung University) Size-dependent Assembling Dynamics of Polystyrene Particles in Laser Trapping at Glass/Solution Interface |
| Mon-83 | Tatsuya Shoji (Osaka City University) |

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| | Optical Tweezers Combined with Raman Microspectroscopy for Micro-Analysis of a Single Micro-Droplet of Polyacrylamides |
| Mon-84 | Tomoya Oshikiri (Hokkaido University) Fabrication of High-Absorption Plasmonic Photoanode with Through-Hole Array |
| Mon-85 | Yuki Omura (Kwansei Gakuin University) Two-Photon Emission Detection of Quantum Dots with the Plasmonic Chip |
| Mon-86 | Nobuaki Oyamada (Hokkaido University) Arbitrary Optical Trapping of Small Molecule by Confined Light Energy Field under Electrochemical Potential Control |
| Mon-87 | Takahiro Hayashi (Hokkaido University) Extinction and Fluorescence Properties of Strong Coupling System Interacting 2D Surface Lattice Plasmon and Dye Excitons |
| Mon-88 | Shinya Suzuki (Hokkaido University) Surface Electronic Structure of Graphene Composite Plasmonic Electrode |
| Mon-89 | Akira Kawashima (Hyogo University of Health Sciences) Optical Properties of Europium Fluoride Nanocrystals Prepared by the Thermal Decomposition of Eu(III) Complex |
| Mon-90 | Yip Sang Wong (The University of Hong Kong) Platinum(II)-Based Supramolecular Scaffold-Templated Side-by-Side Assembly of Gold Nanorods Through Pt···Pt and π - π Interactions and Their Photophysical Study |
| Mon-91 | Yagunag Wang (Hokkaido University) Improvement of Plasmon-induced Photocurrent Generation on Ga ₂ O ₃ Loaded with Gold Nanoparticles Based on Interfacial Modification |
| Mon-92 | Tetsuo Okutsu (Gunma University) Protein Crystallization Induced by Gap Mode Surface Plasmon Resonance with Linear Polarized Light |
| Mon-93 | Xiaoqian Zang (Hokkaido University) Modal Strong Coupling for Versatile Surface-Enhanced Raman Scattering Chips |
| Mon-94 | Yen-En Liu (Hokkaido University) Spectral Properties of Modal Strong Coupling between Localized Surface Plasmon and Fabry-Pérot Nanocavity Modes |
| Mon-95 | Hiromu Kuroda (Nagoya University) Plasmon-Enhanced Emission of ZnS-AgInS ₂ Quantum Dots Immobilized on Octahedral Au Nanoparticle Films |
| Mon-96 | Yoshinori Murakami (Nagaoka College) OH Radical Formation by the Plasmonic Excitation of Au-TiO ₂ Photocatalyst under the Existence of H ₂ O ₂ |
| Mon-97 | Hisanao Usami (Shinshu University) Fabrication and Photoelectrochemical Characterization of Titanium Oxide Nanofilm |

Tuesday 18th December, 2018

Conference Building Level 2

| Poster Number | Author (Affiliation) Poster Title |
|---------------|---|
| Tue-01 | Takuya Takeshige (Saitama University) Spatiotemporal Control of Fibrous Structure Formation of Cytoskeletal Proteins by Focused Laser Irradiation |
| Tue-02 | Yuki Tsuga (Tokyo Institute of Technology) Development of a Small Photosensitizer for Photodynamic Therapy using Biphenyl Derivatives with an Intramolecular Charge Transfer Character |
| Tue-03 | Keita Sugihara (Ritsumeikan University) Cyclopheophorbide- <i>a</i> enol, Nonfluorescent Detoxified Metabolite of Chlorophyll- <i>a</i> ; Observation of an Intermediate Species in the Nonradiative Decay Process |
| Tue-04 | Yuki Hagiwara (Waseda University) Mechanical Motion of Photochromic Salicylideneaniline Crystals by Phase Transition |
| Tue-05 | Misato Funaoka (Osaka University) Evaluation of Microscopic Phase Separation Structure in Polymer Alloy by Means of Long-Time Single-Molecule Tracking Based on One-Color Fluorescence Switching |
| Tue-06 | Junichi Chikazawa (Tokushima University) Flow-Induced Migration and Trapping of Silica Nanoparticles upon Heating a Single Gold Nanoparticle |
| Tue-07 | Izuru Karimata (Kobe University) Localized Trapped Charges Induce Slow Charge Transfer over a Few Nanoseconds on Heterostructured $\text{CH}_3\text{NH}_3\text{PbBr}_{3-x}\text{I}_x$ |
| Tue-08 | Sushant Ghimire (Hokkaido University) The Dynamics of Photogenerated Charge Carriers in Perovskite Nanocrystal Films |
| Tue-09 | Hiroki Nagashima (Kobe University) Multiexciton Dynamics in Amorphous Aggregates of Singlet Fission Materials Studied by Time-Resolved EPR Spectroscopy |
| Tue-10 | Kaoru Yamazaki (Tohoku University) Ultrafast Nonadiabatic Cascade and Subsequent Photofragmentation of XUV Excited Caffeine Molecule |
| Tue-11 | Atsushi Toyo (Ritsumeikan University) Red-Edge Effect of Fluorescent Betaine in Aqueous Solution and in Saccharide Glasses |
| Tue-12 | Akira Iwamoto (Ritsumeikan University) Solvation Dynamics of Betaine Dye in a High Viscous Protic Solvent |
| Tue-13 | Nakagawa Hirofumi (Ritsumeikan University) Influence of Hydrogen Bonding on Structural Relaxation Dynamics of Triphenylmethane Dyes |
| Tue-14 | Atsushi Nishimoto (Ehime University) Photochromic Reaction of Spiroanthoxazine Nanoparticle Excited with Nanosecond Laser Pulse |
| Tue-15 | Yosuke Takahashi (Ritsumeikan University) Excited State Dynamics of Fullerene in Electron Donating Solvent |

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| Tue-16 | Siobhan Julie Bradley (University of Melbourne) Excitonic Processes in Diketopyrrolopyrrole Derivatives |
| Tue-17 | Mahesh Hariharan (Indian Institute of Science Education and Research-Thiruvananthapuram) Strategies to Reduce the Rate of Charge Recombination |
| Tue-18 | Chan-An Chung (National Chiao Tung University) The Reaction of CH ₂ OO with HNO ₃ Investigated with a Step-Scan FTIR Spectrometer |
| Tue-19 | Hikaru Sotome (Osaka University) Exceptional Reaction Mechanism of 6π-Electrocyclic Process of a Dithiazolylarylene Derivative |
| Tue-20 | Dai Ikeda (Tokyo Institute of Technology) Visualizing Angular Distribution of Photoexcited Nitric Oxide Molecules |
| Tue-21 | Masanobu Karasawa (The University of Tokyo) Molecular Magneto-Optical Memory: Pulsed Laser Induced Demagnetization |
| Tue-22 | Ayako Tokunaga (Aoyama Gakuin University) Photodissociation Dynamics of Phenoxy-Imidazolyl Radical Complex Derivative |
| Tue-23 | Shuntaro Tani (Ritsumeikan University) Excited State trans→cis Photoisomerization Dynamics of Indigo Derivatives |
| Tue-24 | Woon Yong Sohn (Chuo University) Uncovering Photo-Excited Charge Carrier Dynamics in Hematite (α-Fe ₂ O ₃) Hidden in Nanosecond Range by Heterodyne Transient Grating Technique Combined with Randomly-Interleaved-Pulse-Train Method |
| Tue-25 | Apurba De (University of Hyderabad) Post-Synthetic Treatment Yielding Blue-Violet Emitting Perovskite Nanocrystals with Near-Unity Photoluminescence Quantum Yield and Superior Stability |
| Tue-26 | Rupali Govind Shinde (Savitribai Phule Pune University) Estimation of Cellular Thiol by Copper Esculetin Complex: A Fluorometric Study |
| Tue-27 | Teruki Sugiyama (National Chiao Tung University) Phase Separation of Lysozyme Triggered by Stopping Optical Trapping |
| Tue-28 | Atsuki Hayashi (Ritsumeikan University) Structural Color in the Peridium of Myxomycetes Fruiting Body |
| Tue-29 | Qingzheng Yang (Beijing Normal University) Light-Harvesting Systems Based on Supramolecular Assemblies |
| Tue-30 | Kamlesh Awasthi (National Chiao Tung University) Intracellular Function and Autofluorescence Lifetime in Normal and Cancer Cells |
| Tue-31 | Thanh Nhut Do (Nanyang Technological University) Analyses of Exciton Levels and Energy Transfer Processes of Light-Harvesting Complex II Using Two-Dimensional Electronic Spectroscopy |
| Tue-32 | Yi Li (Chinese Academy of Sciences) Artificial Light Harvesting Systems: Making Every Photon Count |

Tuesday 18th December, 2018

Conference Building Level 3

| Poster Number | Author (Affiliation) Poster Title |
|---------------|---|
| Tue-51 | Tatsuhiro Nagasaka (Osaka University) Two-Photon Cycloreversion Reaction Dynamics of a Dithiazolylarylene Derivative |
| Tue-52 | Ryo Nishimura (Ryukoku University) Photoinduced Crystal Growth and Role of the Two Types of the Needle Crystals for Wettability on the Mixed Surface with Two Diarylethenes |
| Tue-53 | Yu Nabetani (University of Miyazaki) Photoreactivity of Layered Hybrids Prepared under pH-Controlled Condition |
| Tue-54 | Akira Hirano (Osaka City University) Photomechanical Crystal Deformation of Diarylethenes with Polarized Light |
| Tue-55 | Kohei Morimoto (Osaka City University) Change in Interference Color of Diarylethene Crystals upon Photoirradiation |
| Tue-56 | Ryoko M. Uda (Nara College) Fusion between Giant Liposomes and Photoresponsive Smaller Liposomes Containing Malachite Green Derivative |
| Tue-57 | Katsuya Yamamoto (Aoyama Gakuin University) Stepwise Fast Photochromism Depending on Excitation Light Wavelength and Intensity |
| Tue-58 | Moe Nishijima (Aoyama Gakuin University) Effects of Aromaticity on Photochemical Properties of Fast Photochromic Pentaarylbiimidazole |
| Tue-59 | Kaho Arai (Aoyama Gakuin University) Electrochemical Study of Negative Photochromic Binaphthyl-Bridged Radical Complex |
| Tue-60 | Yukie Mamiya (Aoyama Gakuin University) Photochromic Properties of Phenyl-naphthalene-Bridged Imidazole Dimer |
| Tue-61 | Keiki Matsuura (Aoyama Gakuin University) Red-Light-Responsive Fast Photochromism of Phenoxy-Imidazolyl Radical Complex Combined with an aza-BODIPY Unit |
| Tue-62 | Hayato Kuroiwa (Aoyama Gakuin University) Rational Molecular Design for Controlling the Thermal Back Reaction Rate of Photochromic Naphthopyrans |
| Tue-63 | Nanae Miyashita (Aoyama Gakuin University) Photoactivatable Fluorescence Using a Negative Photochromic Binaphthyl-Bridged Imidazole Dimer |
| Tue-64 | Ryosuke Asato (Nara Institute of Science and Technology) UV-light and X-ray Induced Efficient Cycloreversion Reaction of Terarylene |
| Tue-65 | Nobuyuki Hara (Kindai University) Preparation of Circularly Polarized Luminophore Based on an Axially Chiral Binaphthyl Unit |
| Tue-66 | Katsuya Shimizu (Osaka City University) Fluorescence Color Tuning and On/Off Switching of BODIPY Polymers in Solid State |
| Tue-67 | Mandy Lee (Academia Sinica) |

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| | Platinum (II) Salen Complex as the Photosensitizer for Energy Upconversion via Triplet-Triplet Annihilation |
| Tue-68 | Yuki Imai (Tokyo University of Science) Circularly Polarized Luminescence from Zn ²⁺ -assisted Chiral Pyrene Dimer |
| Tue-69 | Yoshinori Okayasu (Tokyo University of Science) Ratiometric Luminescence Characteristics Depending on Ligand Symmetry of Nona-Coordinated Eu(III) Complexes |
| Tue-70 | Yoshiyuki Takayanagi (Yamaguchi University) Photoluminescence Properties of Eu(III)-based Composites Containing Tungstate Ion |
| Tue-71 | Yulian Han (Ritsumeikan University) Optical Properties and Photochromism of Water-Soluble Cu and Co Co-Doped ZnS Nanocrystals |
| Tue-72 | Michael Ho-Yeung Chan (The University of Hong Kong) Synthesis and Photophysical Study of Luminescent Platinum(II) 2,6-Bis(N-dodecylbenzimidazol-2'-yl)pyridine Foldamers and Their Supramolecular Assembly and Metallogel Formation |
| Tue-73 | Yan Bing Tan (Nara Institute of Science) Circularly Polarised Luminescence of Europium (III) Complexes |
| Tue-74 | Jingqi Han (City University of Hong Kong) Mechanochromic, Vapochromic and Solvatochromic Luminescence of Ir(III) Complexes with Bidentate Pyridyldiaminocarbene Ligands |
| Tue-75 | Sanae Ishida (Kumamoto University) Multicolor Fluorescence Photoswitching Using Fluorescent Diarylethene Nanoparticles |
| Tue-76 | Masaya Komuro (Saitama University) Change in Luminescent Behavior by External Stimuli of Platinum(II) Complex Showing Excimer Emission |
| Tue-77 | Tetsuya Nakagawa (Yokohama National University) Multi-Color Fluorescence Modulation Based on Spiro-Functionalized Diarylethenes |
| Tue-78 | Mai Takashima (Hokkaido University) Multielectron Oxidation Mechanism in Titania-Photocatalyzed Oxygen Evolution |
| Tue-79 | Morihiko Hamada (National Chiao Tung University) Integral Method Analysis of Temperature Dependent Electroabsorption Spectra of MAPbI ₃ Perovskite Thin Film |
| Tue-80 | Keigo Tashiro (Yamaguchi University) Kinetic Studies of Photocatalytic Degradation of Rhodamine B in Aqueous Solution containing ZnTPyP Fibers under Visible Light Irradiation |
| Tue-81 | Takayuki Takiyama (Nagoya University) Photocatalytic Activity of (AgIn) _x Zn _{2(1-x)} S ₂ Quantum Dots Depending on Surface Conditions |
| Tue-82 | Maria Takahashi (Tokyo Institute of Technology) Photochemical Multi-electron Accumulation and Photocatalytic Reaction Using a Hybrid Consisting of a Ring-shaped Re(I) Tetranuclear Complex and Polyoxomethalate |
| Tue-83 | Haoxuan Guo (Kansai University) Synthesis and Photochemical Behavior of Structure-Controlled Polymers of 1-Methylpyrrole and Various Aldehydes |
| Tue-84 | Genki Ukai (Nagoya University) Stacking Structure-dependent Photovoltaic Performance of Multilayer Thin Films Composed of ZnSe-AgInSe ₂ Solid Solution Quantum Dots |

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| Tue-85 | Masahiro Okazaki (Tokushima University) Ultrafast Dynamics of Efficient Photogeneration of Charge Carriers in Hematite Photoanodes Decorated with Gold Nanostructures |
| Tue-86 | Keito Sano (Tokyo Metropolitan University) Stabilization of Transparent Aqueous Dispersion of TiO ₂ Nanoparticles Prepared by Novel Sol/Gel Method and its Photocatalytic Activity |
| Tue-87 | Sie-Rong Li (Academia Sinica) Aqueous/Organic Dye-Sensitized Solar Cells Based on Fluorinated D-A- π -A Organic Dyes |
| Tue-88 | Gebremariam Zebene Wubie (Academia Sinica) Synthesis of Metal Free Organic Sensitizers Based on the 2,3-Bis(5-butylthiophen-2-yl)quinoxaline Auxiliary Acceptor to Study the Effects of Spacer Conjugations on the Performance of the DSSCs |
| Tue-89 | Yukari Yamazaki (Yamaguchi University) Factors Affecting Photocatalytic Water Oxidation on TiO ₂ Nanorods |
| Tue-90 | Fitri Rizki Amalia (Hokkaido University) Evaluation of Photocatalytic Activities by Spectrophotometric Analysis of Formaldehyde as a Reaction Substrate/Product |
| Tue-91 | Yang Shen (Hokkaido University) Estimation of Band Structure of Particulate Titania Photocatalyst Samples through Their Energy-resolved Distribution of Electron Traps |
| Tue-92 | Peter Chen (National Cheng Kung University) Photovoltaics and Nonlinear Optical Characteristics of 3D/Low-Dimensional Mixed Halide Perovskites |
| Tue-93 | Bolong Zhang (University of Melbourne) Towards High Performance Large-Area Luminescent Solar Concentrators |