

## Thursday, September 12

### 13:20-15:00

- 2P001 Spectroscopic Investigation of Energy Transfer Dynamics Among Adsorbed Dye Molecules on Nano-Porous Film  
(Univ. of Tsukuba, AIST) SUNAHARA, Kenji; MATSUZAKI, Hiroyuki; FURUBE, Akihiro
- 2P002 Photochemical Behaviors of a Tethered 1,3-Diketone Derivative Studied by Transient Absorption and Time-Resolved EPR Measurements  
(Gunma Univ, Tohoku Univ.) KOBAYASHI, Atsushi; YAMAJI, Minoru; NAKAJIMA, Satoru; AKIYAMA, Kimio; TERO-KUBOTA, Shozo; KATO, Shin-ichiro; NAKAMURA, Yosuke
- 2P003 Excited States and Spectroscopy of Unsymmetrically Substituted Polyenes  
(Hiroshima Univ.) ITOH, Takao
- 2P004 Electron Transfer Dynamics of CdSe Quantum Dots Directly Connected to TiO<sub>2</sub> Nanoparticles  
(Kwansei Gakuin Univ., AIST) HIRAI, Takayoshi; MURASE, Norio; TAMAI, Naoto
- 2P005 Charge-Carrier Dynamics in Solid Photocatalysts Studied by Transient Absorption Spectroscopy  
(AIST, ARPChem, Univ. of Tokyo) SINGH, Rupashreebalia; FURUBE, Akihiro; MATSUZAKI, Hiroyuki; SUZUKI, Yohichi; SEKI, Kazuhiko; MINEGISHI, Tsutomu; HISATOMI, Takashi; DOMEN, Kazunari
- 2P006 Exciton Reaction in Rubrene Crystals: Fission and Electron Transfer  
(Nihon Univ.) TAKAHASHI, Tomonori; OKAZAKI, Akihiro; SATO, Noriyuki; KAZAMA, Hiroyuki; OKUYAMA, Saori; ISHII, Yusuke; KATOH, Ryuzi
- 2P007 Study of Photochromic Reaction of Hexaarylbimidazole (HABI) Derivatives  
(Saitama Univ.) MURATA, Ryutarō; YAGO, Tomoaki; WAKASA, Masanobu
- 2P008 Control of the Vibrational Coherent Motion by the Wavelength-Resolved Femtosecond Degenerate Four-Wave-Mixing  
(Osaka Univ., National Chiao Tung Univ., JST-PRESTO) MURAMATSU, Masayasu; TSUMORI, Hiroki; NAGASAWA, Yutaka; MIYASAKA, Hiroshi
- 2P009 Excitation Wavelength Dependence of Cycloreversion Reaction Dynamics of Photochromic Diarylethene Derivatives.  
(Osaka Univ., Hyogo Univ. of Teacher Education, Osaka City Univ., Rikkyo Univ.) MATSUURA, Chinatsu; KATAYAMA, Tetsuro; ISHIBASHI, Yukihide; MIYASAKA, Hiroshi; YAMAGUCHI, Tadatsugu; KOBATAKE, Seiya; IRIE, Masahiro
- 2P010 Electron Transfer Dynamics of P3HT - PCBM Systems by Means of Femtosecond Transient Absorption Microscopy and Spectroscopy  
(Osaka Univ., JST-PRESTO) KATAYAMA, Tetsuro; JINNO, Akira; MIYASAKA, Hiroshi
- 2P011 Detection of Single-Nucleotide Variations of DNA by Monitoring the Blinking  
(Osaka Univ., Tokyo Tech) KAWAI, Kiyohiko; MAJIMA, Tetsuro; MARUYAMA, Atsushi
- 2P012 A Single Molecule Study and a Laser T-Jump Study on Phase Separation Dynamics of Aqueous Thermo-Responsive Polymer Solutions  
(Hokkaido Univ., Hiroshima Univ., JST-PRESTO) TADA, Takanori; WAKABAYASHI, Ryo; KATSUMOTO, Yukiteru; KITAMURA, Noboru; TSUBOI, Yasuyuki
- 2P013 Microenvironmental Dynamics of Nile Red in Polymer Thin Films Probed by Single-Molecule Spectroscopy  
(Kyoto Inst. of Tech.) TAMASHIRO, Yuki; MACHIDA, Shinjiro; IKEDA, Noriaki

- 2P014 Photophysical Characterization of Conjugated Polyfluorene Nanoparticles Observed by Single-Molecule Spectroscopy  
(Kyoto Inst. of Tech.) HASHIMOTO, Yuki; MACHIDA, Shinjiro; IKEDA, Noriaki
- 2P015 Laser Trapping Dynamics of Polystyrene Nanoparticles at an Air/Solution Interface Monitored by Back Light Scattering  
(National Chiao Tung Univ.) WANG, Shun-fa; YUYAMA, Ken-ichi; SUGIYAMA, Teruki; MASUHARA, Hiroshi
- 2P016 Single Molecule Electroluminescence and Photoluminescence of Polyfluorenes: Origin of the Green Emission Band.  
(Tokyo Tech) HONMOU, Yoshihiro; HIRATA, Shuzo; KOMIYAMA, Hideaki; IYODA, Tomokazu; VACHA, Martin
- 2P017 Microscopic Evaluation of Circularly Polarized Luminescence by a Confocal Microscope  
(Tokyo Tech) KATAYAMA, Kenta; HIRATA, Shuzo; VACHA, Martin
- 2P018 Observations of Conduction Band Edge Level of Titania and Photoelectric Conversion in the Dye-Dispersing Titania  
(Shinshu Univ, Nagano Prefectura Institute of Technology) RUDIAGUS, Setiawan; NISHIKIORI, Hiromasa; TANAKA, Nobuaki; FUJII, Tsuneo
- 2P019 Energy Transfer and Electron Transfer Reactions between Iridium Complexes in the Excited Triplet State and Molecular Oxygen  
(Gunma Univ., Gunma NCT) HASEBE, Naoya; YOSHIHARA, Toshitada; DEGUCHI, Yonekazu; HORIUCHI, Hiroaki; OKUTSU, Tetsuo; TOBITA, Seiji
- 2P020 Efficiency of Photo-Induced Electron Injection in D149-Dye-Sensitized TiO<sub>2</sub> Films  
(Nihon Univ.) NAMEKAWA, Akihiro; KATOH, Ryuzi
- 2P021 Reactivity and Dynamics of Polyfluorinated Cationic Surfactants Containing Azobenzene Moiety in Various Microenvironments  
(Tokyo Metropolitan Univ.) RAMAKRISHNAN, Vivek; SASAMOTO, Shin; YAMAMOTO, Daisuke; NABETANI, Yu; TACHIBANA, Hiroshi; INOUE, Haruo
- 2P022 Spectral Properties of Al Nanorods on SrTiO<sub>3</sub> for Photocurrent Generation  
(Hokkaido Univ., JST-PRESTO) LECARME, Olivier; SHI, Xu; UENO, Kosei; MISAWA, Hiroaki
- 2P023 Colloidal Nanoparticle Formation by Nanosecond Laser Irradiation of Perylene Aqueous Suspension with Triton X-100  
(Univ. of the Ryukyus) TAMAKI, Yoshiaki; KIMURA, Kosuke
- 2P024 Fabrication of Luminescent Silicon Nanoparticles Using Femtosecond Laser Ablation  
(Kwansei Gakuin Univ.) KOIKE, Eiko; MASUO, Sadahiro
- 2P025 Crystal Formation Process of Stilbene Derivatives Probed by the Aggregation Induced Emission Phenomena  
(Shinshu Univ) FUJIMORI, Jun-ichi; ITO, Fuyuki
- 2P026 Photochemistry of Flutamide and its Derivatives  
(Kanazawa Univ.) WATANABE, Yurie; UDAGAWA, Chikako; FUKUYOSHI, Shuichi; ODA, Akifumi; NAKAGAKI, Ryouichi
- 2P027 Optical Properties of Gold Square Nanoplates Having a Au(100) Surface Synthesized in Dynamic Phase Separating Media  
(Tohoku Univ.) OKAMOTO, Takashi; SHIRASAWA, Daisuke; KAJIMOTO, Shinji; FUKUMURA, Hiroshi
- 2P028 Multiple Ionization of Aromatic Amines by Intense Femtosecond Laser Pulses  
(Osaka City Univ.) KAWAGUCHI, Takashi; NAKASHIMA, Nobuaki; YATSUHASHI, Tomoyuki
- 2P029 Chemical Reactions Induced by Laser Plasma Filament  
(Osaka City Univ.) MIYASAKA, Erina; YATSUHASHI, Tomoyuki

- 2P030 Laser-Induced Morphological Change of Single Gold Nanoparticles  
(Univ. of Tokushima) OKADA, Yudai; SETOURA, Kenzi; HASHIMOTO, Shuichi
- 2P031 Synthesis of Nanoparticles via Photoreduction of Silver Ions in Aqueous Solution: Comparison between CW and Pulsed UV Light Irradiation  
(Tohoku Univ.) QAZI, UmairYaqub; KAJIMOTO, Shinji; KIM, SungJae; SHIRASAWA, Daisuke; FUKUMURA, Hiroshi
- 2P032 Laser Ablation-Induced Morphological Changes of Aqueous Colloidal Silver Nanoparticles under High Pressures.  
(Univ. of Tokushima) HORIUCHI, Kana; HASHIMOTO, Shuichi
- 2P033 Theoretical Study on the Electronic States of Ru-Complex Formed on the Pore Wall Surface of Periodic Mesoporous Organic-Silica Hybrids.  
(Toyota Central R&D Labs., Inc, ACT-C) SHIRAI, Soichi; MAEGAWA, Yoshifumi; GOTO, Yasutomu; INAGAKI, Shinji
- 2P034 Photophysical Properties of Amphiphilic Ruthenium Complexes Bearing Hydrophobic Anthracene Units  
(Shizuoka Univ.) TAKAHASHI, Masaki; KEMMOCHI, Kazuhiro; MORI, Toshihiro; SENGOKU, Tetsuya; YODA, Hidemi
- 2P035 Synthesis of Thienyl Anthracene Derivatives and Evaluation of Organic Photovoltaic Devices Using Soluble Photo-Precursor Method  
(NAIST, Yamagata Univ.) SUGIL, Shuhei; YAMAGUCHI, Yuji; IKEDA, Shinya; MOTOYAMA, Takao; SUZUKI, Mitsuharu; NAKAYAMA, Kenichi; YAMADA, Hiroko
- 2P036 Synthesis of Alternating Copolymers of Fluorinated Benzothiadiazole and Carbazole and Their Applications in Polymer Solar Cells  
(Kyoto Univ.) UMEYAMA, Tomokazu; WATANABE, Yusuke; DOUVOGIANNI, Evgenia; IMAHORI, Hiroshi
- 2P037 pH-Responsive Structural Colored Balloons  
(Kyoto Univ., JST-PRESTO) IMAI, Jun; HIGASHIGUCHI, Kenji; MATSUDA, Kenji
- 2P038 Refractive-Index Control of the *O*-Substituted *tert*-Butylcalixarene and Reference Films by the Photo-Fries Rearrangement Reactions  
(Kanagawa Univ.) ARAI, Taichi; KOBAYASHI, Sakiho; IGARASHI, Tetsutaro; SAKURAI, Tadimitsu
- 2P039 Photochemical Properties of Nano-Dispersed Carbons.  
(Shibaura Inst. Tech.) YOSHIDA, Keita; HONMA, Sho-ta; KANEUCHI, Sho-tarou; IKUTA, Taro; KONISHI, Toshifumi
- 2P040 Syntheses and Photoreactions of Oligothiazoles  
(NAIST) IMAMURA, Kazuhiko; YAMAMOTO, Kyohei; NAKASHIMA, Takuya; KAWAI, Tsuyoshi
- 2P041 Development of Synthetic Methods for Highly Luminescent Indolizino[3,4,5-*ab*]isoindoles  
(NAIST) MORIYAMA, Hirotake; MIYAKE, Satoshi; KUZUHARA, Daiki; ARATANI, Naoki; YAMADA, Hiroko
- 2P042 Phenacene Synthesis by Mallory Reaction Using Photo Flow Reaction System  
(Okayama Univ., NARD Inst. Ltd., Gunma Univ.) OKAMOTO, Hideki; GOHDA, Shin; SHIBATA, Akina; SATO, Kaori; YAMAJI, Minoru; SATAKE, Kyosuke
- 2P043 Stereoselective Photodimerization of 2-Chromonecarboxylic Acid Derivatives  
(Chiba Univ.) SAKAMOTO, Masami; BABA, Nozomi; YAGISHITA, Fumitoshi; MINO, Takashi
- 2P044 Synthesis of  $C_2$  Chiral Macrocyclic Polyethers by [2+2] Photocycloaddition Reaction of Chromone Derivatives  
(Chiba Univ.) SAKAMOTO, Masami; KATABIRA, Satoshi; YOSHIDA, Wataru; YAGISHITA, Fumitoshi; MINO, Takashi

- 2P045 Photo-Asymmetric Reaction within Chiral Cavity of Human Serum Albumin (Shibaura Inst. Tech.) SHIMBO, Mio; IMAI, Kohei; NAKAMURA, Asao
- 2P046 Enantiodifferentiating Photocyclodimerization of 2,6-Anthracenedicarboxylate Mediated by Human Serum Albumin. (Osaka Univ., Sichuan Univ.) TANAKA, Koichiro; NISHIJIMA, Masaki; FUKUHARA, Gaku; MORI, Tadashi; YANG, Cheng; INOUE, Yoshihisa
- 2P047 Supramolecular Enantiodifferentiating Photocyclodimerization of 2-anthracenecarboxylate Mediated by Molecularly Imprinted Poly(lysine)s (Osaka Univ.) NISHIJIMA, Masaki; TANAKA, Hidekazu; YANG, Cheng; FUKUHARA, Gaku; MORI, Tadashi; INOUE, Yoshihisa
- 2P048 Inversion of Supramolecular Chirality in Aggregated Azobenzenes Possessing Chiral Side Chains. (Chiba Univ.) YAGAI, Shiki; CHIBA, Yosuke; KARATSU, Takashi; KITAMURA, Akihide
- 2P049 Photoreduction of Carbon Dioxide in Vesicles and the Effect of Substituent Groups of Sensitizers on the Reaction Efficiency (Univ. of Tokyo) IKUTA, Naoya; TAKIZAWA, Shin-ya; MURATA, Shigeru
- 2P050 Substituent Effects on Photochemical Behavior of Pyridine-Pyrrole Dyad which has Isomerization and Intramolecular Hydrogen-Bonding Unit (Univ. of Tsukuba) KURIHARA, Seiya; NISHIMURA, Yoshinobu; ARAI, Tatsuo
- 2P051 Photochemical Behavior of Benzimidazole-Pyrrole Derivatives Having Intramolecular Hydrogen Bonding. (Univ. of Tsukuba) INOUE, Yukari; ARAI, Tatsuo
- 2P052 Study on Photoinduced Intermolecular Proton Transfer in Fluorescent Urea Derivative (Univ. of Tsukuba) MATSUMOTO, Hisato; NISHIMURA, Yoshinobu; ARAI, Tatsuo
- 2P053 Unique Peroxide-Bridged O<sub>2</sub> Adducts of Bisphenoxy Radical (Aoyama Gakuin Univ., JST-CREST) ARAI, Katsutoshi; MUTOH, Katsuya; ABE, Jiro
- 2P054 Dual Photochemical Properties of 5-Methylsalicylidene-Methylanilines Crystals: Their Solid-State Luminescence and Crystalline Photochromism (Hiroshima Univ.) AMIMOTO, Kiichi; ENDO, Daisuke
- 2P055 Relationship between Optical Properties and Mechanical Functions of Salicylideneaniline Microcrystals (Waseda Univ., AIST, Ehime Univ.) TAKANABE, Akifumi; TANAKA, Masahito; MATSUDOMI, Masafumi; KOSHIMA, Hideko; ASAHI, Toru
- 2P056 Photochromism of a Bridged Imidazole Dimer Constrained to the "Anti" Conformation. (Aoyama Gakuin Univ., JST-CREST) SHIMA, Kentaro; MUTOH, Katsuya; ABE, Jiro
- 2P057 Synthesis of Fluorescent Dithienylethene Derivatives (Rikkyo Univ.) SUMI, Takaki; MORIMOTO, Masakazu; IRIE, Masahiro
- 2P058 Photochromic Reactions of Diarylethenes Having Hydrogen-Bonds in Two-Component Crystals (Rikkyo Univ.) ICHIKAWA, Tomohiro; MORIMOTO, Masakazu; IRIE, Masahiro
- 2P059 Synthesis of Water-Soluble Fluorescent Photochromic Diarylethene Derivatives (Rikkyo Univ.) YAGI, Akira; SHOJI, Yuichiro; MORIMOTO, Masakazu; IRIE, Masahiro
- 2P060 Conformational Control and Photoreactivity of Photochromic Terarylenes with Leaving Groups (NAIST) TSUCHIE, Kenta; NAKASHIMA, Takuya; KAWAI, Tsuyoshi
- 2P061 Synthesis and Photochemical Properties of Terarylene-Tetraoxide Having Ethyl Groups at Reaction Center Atoms (NAIST) KANAZAWA, Rui; TAGUCHI, Maki; NAKASHIMA, Takuya; KAWAI, Tsuyoshi
- 2P062 Enantioselective Photochromism of Cationic Diarylethene Introduced in DNA. (Yokohama National Univ.) AKIMA, Mio; KAWAMURA, Izuru; UBUKATA, Takashi; YOKOYAMA, Yasushi

- 2P063 Control of Fluorescence Using Photochromic Diarylethene Having Two Carboxylic Acid Groups  
(Yokohama National Univ.) SAMATA, Moemi; UBUKATA, Takashi; YOKOYAMA, Yasushi
- 2P064 Photochromism and Fluorescence Properties of Diarylethenes with Pyrenyl Units  
(Kitasato Univ., Tokyo Tech) HARADA, Satoshi; INADA, Taeko; SAKAI, Makoto
- 2P065 Emission and TREPR Spectra of Vanadyl Porphyrins  
(Tokyo Metropolitan Univ., Brock Univ.) ASANO, Motoko; TOMIDUKA, Kazuhito; ASAMI, Tsubasa; YAMASHITA, Ken-ichi; SUGIURA, Ken-ichi; VANDEREST, Art
- 2P066 Ligand Variation Effects on Photophysical Properties of Polypyridyl Ruthenium(II) Complexes Having Arylborane Substituents  
(Hokkaido Univ., JST-PRESTO, Osaka City Univ.) NAKAGAWA, Atsushi; SAKUDA, Eri; ITO, Akitaka; KITAMURA, Noboru
- 2P067 Photochemical Behavior of Iridium Complexes Containing Ligands of 2-(2-pyridyl) Benzo[*b*]thiophene Derivatives  
(Univ. of Tokyo) ZENG, Fanyang; SHIMADA, Kengo; TAKIZAWA, Shin-ya; MURATA, Shigeru
- 2P068 Photoinduced Electron Transport Reaction Across Vesicle Membranes Sensitized by Iridium Complexes Having Pyrene Moieties  
(Univ. of Tokyo) ABOSHI, Ryo; TAKIZAWA, Shin-ya; MURATA, Shigeru
- 2P069 Syntheses and Luminescence Properties of Eu-Doped CaS Nanocrystals with Red Phosphor  
(Hokkaido Univ.) WATANABE, Kazune; KAWASHIMA, Akira; NAKANISHI, Takayuki; FUSHIMI, Koji; HASEGAWA, Yasuchika
- 2P070 Nonanuclear Tb(III) Cluster with Magneto-Optical Effect : EPR Study of Spin Structure  
(Hokkaido Univ.) SUZUKI, Yuki; DOI, Yoshihiro; HINATSU, Yukio; SEKI, Tomohiro; ITO, Hajime; KOIZUMI, Hitoshi; NAKANISHI, Takayuki; FUSHIMI, Koji; HASEGAWA, Yasuchika
- 2P071 Development of Visible Light Driven Vitamin B<sub>12</sub> Polymer Catalyst and Application to Organic Synthesis.  
(Kyushu Univ.) HOUFUKU, Noriyuki; SHIMAKOSHI, Hisashi; ONO, Toshikazu; ABE, Masaaki; HISAEDA, Yoshio
- 2P072 Photochemical CO<sub>2</sub> Reduction Catalyzed by Ruthenium-Bipyridine Complexes: Substituent Effects of Amide Groups at 5,5' -Positions  
(Kitasato Univ., JST-PRESTO) ISHIDA, Hitoshi; FUKAYA, Kyohei; ENOMOTO, Akito; KURAMOCHI, Yusuke
- 2P073 Redox-Selective Generation of Aldehydes and H<sub>2</sub> from Alcohols Using H<sub>2</sub>O and Visible Light  
(Nagoya Univ., Tokyo Univ. of Sci.) LIU, Zijun; CANER, Joaquim; KUDO, Akihiko; NAKA, Hiroshi; SAITO, Susumu
- 2P074 Formation of Thin Films Composed of Luminescent Eu(III) Complexes Using Electrochemical Deposition  
(Hokkaido Univ.) SUGAWARA, Takeshi; NAKANISHI, Takayuki; FUSHIMI, Koji; HASEGAWA, Yasuchika
- 2P075 Photoresponsivity of a Novel Naphthopyran Possessing Hydroxyl Groups  
(Aoyama Gakuin Univ., JST-CREST) YAMANE, Takuya; MUTOH, Katsuya; ABE, Jiro
- 2P076 Evaluation of Carrier Mobility in Diarylethene Amorphous/Crystal Layers  
(Osaka Kyoiku Univ.) MATSUI, Naoya; TSUJIOKA, Tsuyoshi
- 2P077 Light-Controlled Selective Pb Deposition on Photochromic Diarylethene Crystal Surface  
(Osaka Kyoiku Univ.) LIN, Ying; TSUJIOKA, Tsuyoshi

- 2P078 Synthesis and Photovoltaic Property of the Polymers Based on a Weak Acceptor Having Electron Donating Ability  
(NIMS) NAKANISHI, Tatsuaki; SHIRAI, Yasuhiro; HAN, Liyuan
- 2P079 Photochemical Oxygenation Reaction of Cyclohexene Derivatives Sensitized by Antimony(V) Porphyrin / Clay Nano-Sheet Complexes  
(Tokyo Metropolitan Univ.) TSUKAMOTO, Takamasa; SHIMADA, Tetsuya; INOUE, Haruo; TAKAGI, Shinsuke
- 2P080 Carrier Dynamics of ZnS-Au Heterostructured Nanoparticles  
(Kyoto Univ., AIST) SAKAMOTO, Masanori; FURUBE, Akihiro; TERANISHI, Toshiharu
- 2P081 Fabrication of Nano-Gold Dispersed Glass Beads and its Application for AFM Cantilever Probe  
(Univ. of Tokushima) HONJO, Saki; YANAGIYA, Shin-ichiro; HORIUCHI, Kana; HASHIMOTO, Shuichi; GOTO, Nobuo
- 2P082 Photochemical Properties of Graphene Distributed into Polymeric Material  
(Shibaura Inst.Tech.) IKUTA, Taro; KANEUCHI, Sho-taro; HONMA, Sho-ta; YOSHIDA, Keita; KONISHI, Toshifumi
- 2P083 Effect of Porphyrin Structure on Generation of Gold Nanoparticles by Dye-Sensitized Reaction on the Clay Surface  
(Tokyo Metropolitan Univ., JSPS) YOSHIDA, Yuuma; FUJIMURA, Takuya; SHIMADA, Tetsuya; TAKAGI, Shinsuke
- 2P084 Efficient Photochemical Water Splitting with Use of Dye/Catalyst Co-Modified Electrodes  
(Chubu Univ., Kyushu Univ.) LIU, Bo; ZAHARAN, Zaki; OHTA, Takehiro; NARUTA, Yoshinori
- 2P085 Theoretical Study on Electronic Structures and Reactivity of Pt-Loaded Graphitic Carbon Nitride  
(Kumamoto Univ.) SUGIMOTO, Manabu
- 2P086 Novel Analytical Technique for Photocatalytic Reactions by Heterodyne Transient Grating and Transient Photocurrent Methods  
(Chuo Univ.) YOSHIDA, Keisuke; KUWAHARA, Syota; KATAYAMA, Kenji
- 2P087 Development of D- $\pi$ -Cat Dyes for Type II Dye-Sensitized Solar Cells  
(Hiroshima Univ.) YAMADA, Takehiro; OYAMA, Yousuke; HARIMA, Yutaka; OHSHITA, Joji
- 2P088 Synthesis and Self-Aggregation of Amphiphilic Zinc Chlorophylls Possessing a Porphyrin Macrocycle  
(Ryukoku Univ., Ritsumeikan Univ.) MIYATAKE, Tomohiro; OKADA, Kazuki; YAMAZAKI, Kanako; TAMIYAKI, Hitoshi
- 2P089 Syntheses of Step- $\pi$ -Conjugated Polymer and their Application for Photoenergy Conversion Systems (56) Performance Evaluation of Macromolecular Wire  
(Kansai Univ.) MURATA, Akira; YAMAGUCHI, Tomoaki; AOTA, Hiroyuki
- 2P090 Syntheses of Step- $\pi$ -Conjugated Polymer and their Application for Photoenergy Conversion Systems (57) Synthesis of A,B-Block Type Amphiphilic Polymers and Construction of Charge Separation System  
(Kansai Univ.) YOKOI, Eri; UCHIDA, Yuki; AOTA, Hiroyuki
- 2P091 Syntheses of Step- $\pi$ -Conjugated Polymer and their Application for Photoenergy Conversion Systems (58) Synthesis of Macromolecular Wires Having One-Way Direction  
(Kansai Univ.) KAKU, Kouken; TANIMOTO, Shintaro; AOTA, Hiroyuki
- 2P092 Polymerization of Diazoacetates with Polycyclic Aromatic Group and Their Photophysical Properties  
(Ehime Univ.) ODA, Tatsuya; SHIMOMOTO, Hiroaki; ITOH, Tomomichi; IHARA, Eiji; ISHIBASHI, Yukihide; ASAHI, Tsuyoshi

- 2P093 Photochemical Properties of Fluorescent Carbon Nanodots Derived from Candle Soot. (Hiroshima Univ.) ISHIKAWA, Tomoki; ISHIZAKA, Shoji; FUJIWARA, Terufumi
- 2P094 Effect of Plasmon on Photoproperties in Zinc Porphyrin-Viologen Linked Compound-Metal Nanoparticle Composite Films (Kyushu Univ.) YONEMURA, Hiroaki; MATSUMOTO, Ryuji; TAKATA, Masayuki; YAMADA, Sunao
- 2P095 On the Interface between Carbon and Polymer Electrolyte (AIST) SHIOYAMA, Hiroshi
- 2P096 Exciton Diffusion Length in a Conjugated Polymer Studied by Well-Defined Interfaces of Donor/Acceptor Bilayer Structure (Kyoto Univ., JST-PRESTO) KUZUME, Shuhei; BENTEN, Hiroaki; OHKITA, Hideo; ITO, Shinzaburo
- 2P097 Near-Field Enhancement Effects on Stacked Nanogap Gold Structures Explored by Photoemission Electron Microscopy (Hokkaido Univ., JST-PRESTO) MATSUZUKA, Yuki; LECARME, Oliver; SUN, Quan; OSHIKIRI, Tomoya; UENO, Kosei; MISAWA, Hiroaki
- 2P098 Photoelectric Conversion Properties of Solid State Plasmonic Solar Cell Using Silver Nanostructures Loaded Titanium Dioxide Photoelectrode (Hokkaido Univ., JST-PRESTO) KAMATA, Yoshiomi; OSHIKIRI, Tomoya; UENO, Kosei; MISAWA, Hiroaki
- 2P099 Investigating the Morphology of pDPP-TNT: PCBM Bulk Heterojunction Solar Cells Using Time-Resolved Confocal Fluorescence Microscopy SUBRAMANIAN, Gomathy Sandhya; GORELIK, Sergey; WILLIAMS, Evan L.; HOBLEY, Jonathan
- 2P100 Bias Dependent Shape of Spectral Response in Organic Solar Cells (Institute of Materials Research and Engineering Singapore, Texas at Austin USA) ○WILLIAMS, Evan L.; SONAR, Prashant; OOI, Zien; DODABALAPUR, Ananth
- 2P101 Evaluation of Exciton Quenching Efficiency in a Diketopyrrolopyrrole Polymer/PC71BM Blend Films of Different Morphology Using Accurate Relative PL Yield Measurements (IMRE, Singapore, Shiv Nadar Univ., India, AIST, Japan, Nihon Univ., Japan) ○GORELIK, Sergey; WILLIAMS, Evan L.; PHANG, In Yee; BOSMAN, Michel; VIJILA, Chellappan; SUBRAMANIAN, Gomathy Sandhya; SONAR, Prashant; HOBLEY, Jonathan; SINGH, Samarendra P.; MATSUZAKI, Hiroyuki; FURUBE, Akihiro; KATOH Ryuzi