

Friday, September 14

16:40-18:20

- 3P001 Structure of Photoinduced Charge-Separated State in Photoactive Layer of the Polythiophen-Fullerene Blends
(Shizuoka Univ., PRESTO JST)KOBORI, Yasuhiro; NOJI, Ryohei; TSUGANEZAWA, Shuhei
- 3P002 Phase separation mechanisms of aqueous thermoresponsive polymer solutions studied by fluorescence correlation spectroscopy
(Hokkaido Univ., K. U. Leuven)TADA, Takanori; KATSUMOTO, Yukiteru; HOFKENS, Johan; UJI-I, Hiroshi; GOOSSENS, Karel; SHOJI, Tatsuya; KITAMURA, Noboru; TSUBOI, Yasuyuki
- 3P003 Enhancement and suppression of nuclear wave packet motion by femtosecond degenerate four-wave-mixing technique in room temperature liquid phase
(Osaka Univ.)TSUMORI, Hiroki; MURAMATSU, Masayasu; NAGASAWA, Yutaka; MIYASAKA, Hiroshi
- 3P004 Influences of TiO₂ powders on the singlet oxygen produced by porphyrin dye sensitization
(Nagaoka Univ. of Technology)SAITO, Hironobu; NOSAKA, Yoshio
- 3P005 Influence of Preparation Condition of Dye-Dispersing Titania Electrodes on Conduction Band Level of the Titania and Their Photoelectric Conversion Properties
(Shinshu Univ., Nagano Prefectural Institute of Technology)RUDI AGUS, Setiawan; NISHIKIORI, Hiromasa; TANAKA, Nobuaki; FUJII, Tsuneo
- 3P006 Study of photo-disintegrative liposomes as carriers of photosensitizer
(Gunma Univ.)FUKUDA, Kana; HORIUCHI, Hiroaki; YAMADA, Keiichi; OKUTSU, Tetsuo
- 3P007 Electroabsorption spectroscopy of DAST microcrystals in solution
(Hokkaido Univ., Tohoku Univ.)CHIANG, Hung-Chu; IIMORI, Toshifumi; ONODERA, Tsunenobu; OIKAWA, Hidetoshi; OHTA, Nobuhiro
- 3P008 Photoreaction of ketoprofen with octocrylene
(Aoyama Gakuin Univ.)NAGOSHI, Hiroto; SHINODA, Mio; ISOZAKI, Tasuku; SUZAUKI, Tadashi
- 3P009 Single molecule tracking of a photo-switchable fluorescent diarylethene derivative in polymer films
(Osaka Univ., Rikkyo Univ.)MIYAMOTO, Yoko; ITO, Syoji; MIYASAKA, Hiroshi; UNO, Kakishi; MORIMOTO, Masakazu; IRIE, Masahiro
- 3P010 Plasmon-based optical trapping of DNA on gold nanostructures: A fluorescence study.
(Hokkaido Univ.)SAITO, Junki; SHOJI, Tatsuya; KITAMURA, Noboru; TAKASE,

Mai; MURAKOSHI, Kei; TSUBOI, Yasuyuki

- 3P011 Study on Excited Triplet State and Electron Spin Polarization Transfer in the system with Iridium complex
(Shizuoka Univ.)FU, Zhebin; MURAI, Hisao
- 3P012 Photochromic reaction of ionic liquids having 2-phenylazo substituted imidazolium cation
(Tokyo Inst, of Tech)YOSHIDA, Tsuyoshi; KAWAMORI, Daiki; ASAKA, Tooru; AKAI, Nobuyuki; KAWAI, Akio; SHIBUYA, Kazuhiko
- 3P013 Photophysical Properties and Optical Resolution of Unsymmetrically Bridged Carbazolophane Derivatives
(Osaka Kyoiku Univ., Osaka Univ.)OGAMI, Fuko; KATO, Haruka; KUBONO, Kouji; HORI, Kazushige; TANI, Keita; TODA, Mitsunobu; MORI, Tadashi; INOUE, Yoshihisa
- 3P014 Photochemical energy transfer between the novel cationic xanthene derivative and porphyrin on the surface of clay nano-sheet
(Tokyo Metropolitan Univ.)OHTANI, Yuta; ISHIDA, Youhei; HAGIWARA, Satomi; SHIMADA, Tetsuya; INOUE, Haruo; TAKAGI, Shinsuke
- 3P015 Photoinduced Electron Transfer of a Triphenylamine-Platinum Porphyrin-Naphthalenediimide Triad using Platinum Porphyrin as a Triplet Photosensitizer
(Osaka City Univ., Univ. of Toyama, Kyoto Institute of Technology, Tohoku Univ.)SUGIMURA, Ryoji; SUZUKI, Shuichi; KOZAKI, Masatoshi; KIMOTO, Kenshi; NOZAKI, Koichi; SHIMIZU, Hiroki; IKEDA, Noriaki; AKIYAMA, Kimio; OKADA, Keiji
- 3P016 Preparation of dye-containing ZnO by wet processes and their photoelectric conversion properties
(Shinshu Univ., Nagano Prefectural Institute of Technology)TAKIKAWA, Takumi; RUDI AGUS, Setiawan; NISHIKIORI, Hiromasa; TANAKA, Nobuaki; FUJII, Tsuneo
- 3P017 Photoelectric Conversion Properties of Titania Electrodes Containing Organic Ligand-Titania Complexes
(Shinshu Univ., Nagano Prefectural Institute of Technology)TODOROKI, Kenta; RUDI AGUS, Setiawan; NISHIKIORI, Hiromasa; TANAKA, Nobuaki; FUJII, Tsuneo
- 3P018 Reaction on allophane-titania composite electrodes of photofuel cells
(shinshu Univ., Nagano prefectural Institute of Technology)ITO, Masaaki; NISHIKIORI, Hiromasa; TNAKA, Nobuaki; FUJII, Tsuneo
- 3P019 Three-dimensional tracking of fluorescence guest molecules in polymer thin films
(Osaka Univ., Toyama Prefectural Univ.)TAGA, Yuhei; ITO, Shoji; TAKEI, Satoshi; MIYASAKA, Hiroshi

- 3P020 Picosecond Optical Trapping of Polystyrene Nanoparticles:Two-Photon Absorption Effects
(National Chiao Tung Univ.)CHIANG, Wei-Yi; KITTIRAVECHOTE, Aungtinee; USMAN, Anwar; LIAU, Ian; MASUHARA, Hiroshi
- 3P021 Singlet oxygen formation and reaction process with thio-substituted DNA bases by UVA irradiation
(Aoyama Gakuin Univ.)KISHI, Nozomi; ISOZAKI, Tasuku; SUZUKI, Tadashi
- 3P022 Photosensitized Kolbe-type decarboxylation of sodium benzilate mediated by aromatic radical cation
(Kyoto Institute of Technology, Univ. of Fukui)ICHINOSE, Nobuyuki; OBATA, Kazunori; NAGAHARA, Tetsuhiko; YOSHIMI, Yasuharu; NISHIKAWA, Keisuke
- 3P023 Influence of acid-base equilibrium of the dye and the dye-titania interaction in the dye-dispersing titania on photoelectric conversion properties
(Shinshu Univ., Nagano Prefectural Institute of Technology)MIYASHITA, Kyohei; RUDI AGUS, Setiawan; NISHIKIORI, Hiromasa; TANAKA, Nobuaki; FUJII, Tsuneo
- 3P024 Magnetic Field Effects on Photoelectrochemical Reactions of Electrodes Modified with Thin Films of Conductive Polymers
(Kyushu Univ.)TAKATA, Masayuki; YONEMURA, Hiroaki; YAMADA, Sunao
- 3P025 Multiphoton Gated Photochromic Reaction in a Dithiazolylarylene Derivative
(Osaka Univ., JST PRESTO, Nara Institute of Science and Technology)MORIKAWA, Soichiro; KATAYAMA, Tetsuro; MIYASAKA, Hiroshi; FUKUMOTO, Sayo; NAKAJIMA, Takuya; KAWAI, Tsuyoshi
- 3P026 Femtosecond transient absorption microscopic study of diarylethene derivatives in crystalline phase.
(Osaka Univ., JST PRESTO, , Osaka City Univ.)JINNO, Akira; KATAYAMA, Tetsuro; MIYASAKA, Hiroshi; KOBATAKE, Seiya
- 3P027 Auger recombination and single-particle spectroscopy of ZnS-AgInS₂ nanoparticles
(Kwansei Gakuin Univ., Nagoya Univ.)OKIMOTO, Saki; TORIMOTO, Tsukasa; MASUO, Sadahiro; TAMAI, Naoto
- 3P028 Study of Photochromic Reaction on Diarylethene Derivatives
(Saitama Univ.)MURATA, Ryutarou; YAGO, Tomoaki; WAKASA, Masanobu
- 3P029 UVB/UVA broad band sunscreen based on intramolecular energy transfer
(Gunma Univ., Cosmos Technical Center Co.,Ltd.)KIMURA, Tomoyo; YOSHIHARA, Toshitada; HASHIMOTO, Satoru; TOBITA, Seiji
- 3P030 Kinetic study of ultrasound-induced chemiluminescence
(Gunma NCT)KUBOTA, Akio; TSUJI, Kazuhide
- 3P031 Gas phase spectroscopy of adrenaline studied by laser desorption supersonic jet technique-reassignment of conformers
(Tokyo Tech.)MASUTOMI, Chigusa; ASAKAWA, Toshirou; SONE, Hirokazu;

ISHIUCHI, Shunichi; FUJII, Masaaki

- 3P032 Electronic and infrared spectra of noradrenaline by laser desorption supersonic jet technique — Reassignments of conformations
(Tokyo Tech.)SONE, Hirokazu; ISHIKAWA, Jun; MASUTOMI, Chigusa; ISHIUCHI, Shun-ichi; FUJII, Masaaki
- 3P033 Isomer selective IR spectroscopy on Acetanilide-(methanol) 1:1 cluster to investigate solvent migration induced by photoionization
(Tokyo Tech.)WEILER, Martin; MIYAZAKI, Mitsuhiko; FUJII, Masaaki
- 3P034 Time-resolved absorption spectroscopy of bacteriorhodopsin by using ultraweak probe light
(Tokyo Tech.)OHTANI, Hiroyuki; SUZUKI, Kazuki; TAJIMA, Kazuhiro
- 3P035 Development on synthesis and photochemistry of caged compounds based on nitro benzyl skeleton
(Univ. of Tsukuba)TAKAHASHI, Youhei; MOMOTAKE, Atsuya; ARAI, Tatsuo
- 3P036 Efficiency improvement in the photochemical hydrogen generation catalyzed by Pt complexes in vesicles
(The Univ. of Tokyo)SUZUKI, Marina; TAKIZAWA, Shin-ya; MURATA, Shigeru
- 3P037 Synthesis of Pyrenocycloalkenes Using [2+2]Photocycloaddition to Pyrene and Diels-Alder Reaction
(Kanazawa Univ.)MAEDA, Masashi; MAEDA, Hajime; SEGI, Masahito
- 3P038 Synthesis of 4,5-Disubstituted Pyrene Derivatives Using Pyrene-4,5-dione as a Key Intermediate and Their Absorption and Fluorescence Properties
(Kanazawa Univ.)HIROSE, Kenji; MAEDA, Hajime; SEGI, Masahito
- 3P039 Supramolecular Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate with Phage Display Technique-5 - Effects of chemical bonding of hapten upon antibody-
(IMRAM, Tohoku Univ., The Univ. Tokyo, Osaka Univ.)MINATO, Sakie; MIYACHI, Ayumi; SUGAWARA, Yui; SAKAMOTO, Seiji; UI, Mihoko; ARAKI, Yasuyuki; TSUMOTO, Kohei; KINBARA, Kazushi; NISHIJIMA, Masaki; / INOUE, Yoshihisa; WADA, Takehiko
- 3P040 Axial ligand behavior and photosensitizing property of cationic aluminum porphyrins
(Tokyo Metro. Univ.)SAGAWA, Shogo; KUTTASSERY, Fazalurahman; GOMI, Yuki; NABETANI, Yu; TACHIBANA, Hiroshi; INOUE, Haruo
- 3P041 Energy transfer in peroxyoxalate chemiluminescence: isomerization of stilbenes and excitation of fluorophores
(Shinshu Univ.)TAKIZAWA, Airi; WATANABE, Kanako; MARUYAMA, Takayuki; MOTOYOSHIYA, Jiro
- 3P042 Topochemiluminescence of bicyclic dioxetanes bearing 4-(benzoazol-2-yl)-3-hydroxyphenyl group
(Kanagawa Univ.)MATSUMOTO, Kairi; ODAGIRI, Yousuke; SUGAWARA,

- Kenta; WATANABE, Nobuko; IJUIN, Hisako; MATSUMOTO, Masakatsu
- 3P043 Three-Component Coupling Reaction of Active Methylene Compounds, Dienes, and Electron-Deficient Alkenes via Photoinduced Electron Transfer
(Kanazawa Univ.)TAKAYAMA, Hiroshi; MAEDA, Hajime; SEGI, Masahito
- 3P044 Circular Polarized Chemiluminescence for the Decomposition of Optically Active Dioxetanes Bearing an Aryl Group with High Helicity
(Kanagawa Univ., NAIST)KAWASHIMA, Hidehisa; TAKATSUKA, Hikaru; WATANABE, Nobuko; IJUIN, Hisako; FUJIKI, Michiya; MATSUMOTO, Masakatsu
- 3P045 Synthesis and Chemiluminescence of Oligoaryl-substituted Dioxetanes
(Kanagawa Univ.)TAKATSUKA, Hikaru; WATANABE, Nobuko; IJUIN, Hisako; MATSUMOTO, Masakatsu
- 3P046 Phosphorescence Enhancement of UV Absorbers: Benzophenone-3 and Benzophenone-6
(Yokohama National Univ.)KUMASAKA, Ryo; KIKUCHI, Azusa; YAGI, Mikio
- 3P047 Revisit to study of marked discrepancy in spectra between the chemiluminescence for base-induced decomposition of 3-oxyphenyl-substituted dioxetanes and the fluorescence of relevant emitters in a NaOH/H₂O system
(Kanagawa Univ.)WATANABE, Nobuko; OGURI, Azusa; HORIKOSHI, Miho; TAKATSUKA, Hikaru; IJUIN, Hisako; MATSUMOTO, Maskatsu
- 3P048 Cooperative effect and reaction control in excited state by intramolecular hydrogen bonding and C=C double bonding in salicylaldehyde derivative
(Univ. Tsukuba)INATSU, Yuji; ARAI, Tatsuo
- 3P049 Hydrogen-bonding effect on photochromism of bithiazolyindenol
(Yokohama National Univ.)TAKAGI, Kazuya; OGAWA, Hatsune; UBUKATA, Takashi; YOKOYAMA, Yasushi
- 3P050 Cancelled
- 3P051 Photochemistry of anthracene-urea derivatives having an isomerization site and an anion recognition site
(Univ. of Tsukuba)MASAI, Haruki; NISHIMURA, Yoshinobu; ARAI, Tatsuo
- 3P052 Photophysical Properties of *N*-Azulen-2-yl-naphthalimides
(Gunma N. C. T.)KUBO, Shosei; NAKAJIMA, Satoshi
- 3P053 Influence of the number of *N,N*-dimethylamino groups on the phenyl groups of TPP type porphyrin
(Gunma N.C.T.)ENOMOTO, Takafumi; NAKAJIMA, Satoshi
- 3P054 Photochemical behaviours and ion sensing of donor-acceptor azobenzenes
(Univ. of Tsukuba)FUKUSHIMA, Syun; MOMOTAKE, Atsuya; ARAI, Tatsuo
- 3P055 Time-resolved fluorescence spectroscopy of pyrene derivative on the clay surface and

energy transfer

(Tokyo Metropolitan Univ., JSPS, Tokyo Medical Univ.)HAGIWARA, Satomi; ISHIDA, Yohei; MASUI, Dai; SHIMADA, Tetsuya; INOUE, Haruo; TAKAGI, Shinsuke

- 3P056 Visible light promoted reductive electron-transfer reaction of various cyclic β -halo ketones by using a photosensitization system consisting of a ruthenium complex and benzimidazolines
(Niigata Univ.)TATEYAMA, Minami; HOSHI, Tsuneaki; HASEGAWA, Eietsu
- 3P057 Fabrication of OFET-devices using photoreaction of anthra[1,2-b:5,6-b']dithiophene-diketone precursors
(Nara Institute of Science and Technology, Yamagata Univ., CREST)KANESHIGE, Yoshitaka; OHASHI, Chika; NAKAYAMA, Ken-ichi; YAMADA, Hiroko
- 3P058 Modulation of imidazoprazinone chemiluminescence by systematic introduction of phenylethynyl groups
(UEC)SASA, Makiko; MAKI, Shojiro; NIWA, Haruki; HIRANO, Takashi
- 3P059 Syntheses and optical properties of a cyclic π -conjugated compounds using carbazole
(Univ. of Yamanashi)SHIMURA, Kyosuke; HANAI, Kaito; TANAKA, Misa; OGAWA, Kazuya
- 3P060 Studies on the color modulation mechanism of firefly bioluminescence with aminoluciferin analogs
(UEC, Tokyo Tech., UFSCAR)MATSUHASHI, Takuto; NAGAI, Hiroyuki; IWANO, Satoshi; MAKI, Shojiro; NIWA, Haruki; VIVIANI, Vadim R.; HIRANO, Takashi
- 3P061 Light-Driven Hydrogen Evolution by Zinc Porphyrin-Cobaloxime Hybrid Molecule with Carbon-Bridged Oligo-*p*-Phenylenevinylene Bridge
(The Univ. of Tokyo)SUKEGAWA, Junpei; TSUJI, Hayato; NAKAMURA, Eiichi
- 3P062 Development and application of ECHO probe for fluorescence imaging of RNA
(The Univ. of Tokyo, RIKEN, Kyoto Univ.)HAYASHI, Gosuke; IKEDA, Shuji; WANG, Dan; SUEOKA, Takuma; OKAMOTO, Akimitsu
- 3P063 Photoelectrochemical properties of $(\text{CuGa})_x\text{Zn}_{2(1-x)}\text{S}_2$
(Tokyo Univ. of Science)HAKARI, Yuichiro; IWASHINA, Katsuya; IWASE, Akihiko; KUDO, Akihiko
- 3P064 Preparation of porous metal-ion-doped TiO_2 photocatalyst
(Yamaguchi Univ.)FUJIWARA, Yuhei; SEYAMA, Tomoaki; ADACHI, Kenta; YAMAZAKI, Suzuko
- 3P065 Electron transfer reaction sensitized by iridium complexes through excitation energy transfer in vesicles
(The Univ. of Tokyo)ABOSHI, Ryo; TAKIZAWA, Shin-ya; MURATA, Shigeru
- 3P066 Mechanism of Formation of a Mn(V)-Oxo Complex by Photochemical Oxidation of a Mn(III) Corrolazine Complex with O_2 and Toluene Derivatives

(Osaka Univ., Johns Hopkins Univ.)JUNG, Jieun; OHKUBO, Kei; KATHARINE, Prokop A. ; GOLDBERG, David P. ; FUKUZUMI, Shunichi

3P067 Cancelled

3P068 Photocatalytic Hydrogen Evolution Using Cu(I) Dinuclear Complex as a Catalyst (Tokyo Tech, AIST, ALCA/JST)KOIZUMI, Hiroki; MORIMOTO, Tatuki; KOIKE, Kazuhide; TAKEDA, Hiroyuki; ISHITANI, Osamu

3P069 Effect of ancillary ligands on photoinduced electron transfer reaction using cationic iridium complexes as sensitizers (The Univ. of Tokyo)SHIMADA, Kengo; TAKIZAWA, Shin-ya; MURATA, Shigeru

3P070 Synthesis, Photophysical and Photochemical Properties of Novel Trinuclear Rhenium Complexes(Tokyo Tech.)ROHACOVA, Jana; MORIMOTO, Tatsuki; ISHITANI, Osamu

3P071 Photostability of natural anthocyanin adsorbed on metal-containing mesoporous silicate (Shizuoka Univ., Tokyo Univ. Technol.)KOHNO, Yoshiumi; KATO, Yasushi; SHIBATA, Masashi; MAEDA, Yasuhisa

3P072 Luminescent Properties of Copper(I) Acetylide Complexes with Bulky Diphosphine Ligands (Osaka City Univ., Toyama Univ., Showa Chemical Industry Co. Ltd.)KAMBARA, Ryusuke; SUZUKI, Shuichi; HORIKOSHI, Takafumi; KOZAKI, Masatoshi; IWAMURA, Munetaka; NOZAKI, Koichi; UENO, Mitsuyo; ISHIYAMA, Yasushi; OKADA, Keiji

3P073 Dependence on reduction potential in the photocatalytic hydrogenation of aromatic ketones on titanium dioxide (Hyogo Univ. of Health Sciences, Tokyo Univ. of Science)KOHTANI, Shigeru; KAMOI, Yuuna; YOSHIOKA, Eito; KUDO, Akihiko; MIYABE, Hideto

3P074 Gigantic photoinduced change of ionic conductivity in silver iodide at low temperature (Hokkaido Univ.)SABETH, Farzana; IIMORI, Toshifumi; OHTA, Nobuhiro

3P075 Structural and Spectral Changes of Chlorophyll Derivatives by Contact with the Surface of Titanium Oxide (Kinki Univ.)SAGA, Yoshitaka; OTONO, Tae

3P076 Surface Modification of BaLa₄Ti₄O₁₅ Photocatalyst with MgAl-Layered Double Hydroxide for Reductive Decomposition of Nitrate (Tokyo Univ. of Science)ADACHL, Mariko; SHISHIDO, Wataru; IWASE, Akihide; KUDO, Akihiko

3P077 Visible-light full-color tuning by using rare-earth luminescent devices (Shimane Univ.)NISHIYAMA, Katsura; WATANABE, Yasuhiro; WATANABE, Keiichi; HARADA, Takashi

- 3P078 Mechanoluminescent study on single light source particle
(AIST)TERASAKI, Nao; YAMADA, Hiroshi ; XU, Chao-Nan
- 3P079 Crystal - liquid and liquid crystal - liquid phase transition behavior in azobenzenophanes
(AIST)NORIKANE, Yasuo; UCHIDA, Emi; AZUMI, Reiko; SAKAKI, Kouji; NAKAMURA, Yumiko; HIRAI, Yuki; AKIYAMA, Haruhisa; YOSHIDA, Masaru
- 3P080 Ligand polarizable effect of luminescent Eu(III) complex
(Hokkaido Univ.)OHKUBO, Tomoki; NAKANISHI, Takayuki; FUSHIMI, Koji; HASEGAWA, Yasuchika
- 3P081 Substituent effect at the reactive carbons in thermal bleaching reaction of diarylethenes with thiophene dioxide
(Osaka City Univ.)SHOJI, Hiroaki; KOBATAKE, Seiya
- 3P082 Preparation of the heterogeneous polyoxometalate-based photocatalyst and the photocatalytic reactivity for selective oxidation of benzyl alcohol in aqueous solution
(Osaka Prefecture Univ.)NAKAO, Keisuke; NAKAMURO, Tomoyoshi; TAKEUCHI, Masato; MATSUOKA, Masaya; ANPO, Masakazu
- 3P083 Excited States and Photostability of UV-B Absorber Diocetyl 4-Methoxybenzylidenemalonate
(Shiseido Company Ltd. , Yokohama National Univ.)OGUCHI, Nozomi; MIYAZAWA, Kazuyuki; KIKUCHI, Azusa; YAGI, Mikio
- 3P084 Cancelled
- 3P085 Self-aggregation of diketopyrrolopyrrole dyes and application of organic photovoltaic device
(Chiba Univ. , CREST, JST, Yamagata Univ.)YAGAI, Siki; KANDA, Ryo; KARATSU, Takashi; KITAMURA, Akihide; TANI, Yuki; NAKAYAMA, Ken-ichi
- 3P086 Fabrication and waveguide spectroscopy of amphiphilic metal complex-molybdate hybrid Langmuir-Blodgett film
(Shinshu Univ.)HASEGAWA, Hiroshi; OKUNO, Eiji; NISHIZAWA, Ryo; USAMI, Hisanao
- 3P087 Photoelectrochemical characterization of zinc oxide nanofilm fabricated by organic-inorganic hybrid Langmuir-Blodgett process
(Shinshu Univ.)TAKAGI, Kohei; USAMI, Hisanao
- 3P088 Cancelled
- 3P089 Arrangement of Gold Nanoparticles on the Clay Surface by Photosensitized Reaction Using Porphyrin Derivative
(Tokyo Metropolitan Univ. , JSPS)YOSHIDA, Yuma; FUJIMURA, Takuya; MASUI, Dai; TACHIBANA, Hiroshi; INOUE, Haruo; SHIMADA, Tetsuya; TAKAGI, Shinsuke
- 3P090 Spectral properties of three-dimensional metallic photonic crystals

- (Hokkaido Univ., PRESTO-JST)TOKIWA, Takaya; SUN, Quan; UENO, Kosei; MISAWA, Hiroaki
- 3P091 Mechanical control of nanogap width of closely-spaced gold nanoparticles fabricated on silicon membrane and its scattering spectral properties
(-Hokkaido Univ., PRESTO-JST)YAZA, Hiroto; ITOH, Hiroko; NAKANO, Wakako; UENO, Kosei; MISAWA, Hiroaki
- 3P092 Spectral properties of nanogap gold chain structures in terahertz frequency
(RIES-Hokkaido Univ.,PRESTO-JST)NOZAWA, Sho; ITOH, Hiroko; NAKANO, Wakako; UENO, Kosei; MISAWA, Hiroaki
- 3P093 Visualization of localized surface plasmon by multi-photon photoemission electron microscopy and its dynamics
(Hokkaido Univ., PRESTO-JST, Tsukuba Univ.)YU, Han; SUN, Quan; UENO, Kosei; KUBO, Atsushi; MATSUO, Yasutaka; MISAWA, Hiroaki
- 3P094 Photoelectric conversion properties of solid state solar cells using Au nanoislands/TiO₂ electrode
(Hokkaido Univ. , PRESTO-JST,)KOTAKE, Yuki; SHI, Xu; UENO, Kosei; MISAWA, Hiroaki
- 3P095 Synthesis and Photophysical Properties of Organosoluble Poly(1-ethynylpyrene) Derivatives
(Tokyo Tech.)TOKUNAGA, Shoichi; NIKO, Yosuke; ARAKAWA, Yuki; SHIGETA, Masayuki; KONISHI, Gen-ichi
- 3P096 Effect of Branched Alkyl Chains Attached at sp³ Silicon of Donor-Acceptor Copolymers on Their Morphology and Photovoltaic Properties
(National Institute for Materials Science)NAKANISHI, Tatsuaki; SHIRAI, Yasuhiro; YASUDA, Takeshi; HAN, Liyuan
- 3P097 Theoretical Study on Interfacial Charge-Transfer Transitions in the Surface Complexes between TiO₂ and Dicyanomethylene Compounds
(The Univ. of Tokyo)JONO, Ryota; FUJISAWA, Jun-ichi; SEGAWA, Hiroshi; YAMASHITA, Koichi
- 3P098 Formation of polyaromatic hydrocarbons after the laser-irradiation of several organic solvents.
(Hachinohe National College of Technology) MURAKAMI, Yoshinori
- 3P099 Synthesis and Self-Aggregation of Amphiphilic Zinc 3- Aminomethyl-Chlorins
(Ryukoku Univ., Ritsumeikan Univ.)MIYATAKE, Tomohiro; MASUDA, Yohei; TAMIYAKI, Hitoshi
- 3P100 Visible-light induced decomposition of fluorinated chemicals with tungsten oxide and peroxodisulfate
(Kanagawa Univ., AIST)ISHIGURO, Atsushi; NAKAJIMA, Kohei; MAEDA, Norihito; SANO, Taizo; HORI, Hisao
- 3P101 Laser trapping and Raman spectroscopy of supercooled water droplets in air

(Hokkaido Univ. , Hiroshima Univ. , PREST-JST)YAMAUCHI , Kunihiro ;
ISHIZAKA, Shoji; FUJIWARA, Terufumi; KITAMURA, Noboru

- 3P102 Construction of a photoelectric conversion system using arrays of functional molecules on DNA
(Univ. of Hyogo)ASHIDA, Akane; TAKADA, Tadao; NAKAMURA, Mitsunobu ;
YAMANA, Kazushige
- 3P103 Syntheses of step- π -conjugated polymers and their application for photoenergy conversion systems(50) -Synthesis of the structure controlled A,B-block type amphiphilic polymers .
(Kansai Univ.)YOKOI, Eri; AOTA, Hiroyuki; UCHIDA, Yuki
- 3P104 Syntheses of the polymers containing chromophore units in their main or side chain and study of photochemical properties
(Kansai Univ.)YAMAGUCHI, Tomoaki; AOTA, Hiroyuki
- 3P105 Syntheses of step- π -conjugated polymers and their application for photoenergy conversion systems (52); Syntheses of macromolecular-wires having one-way electron transfer.(Kansai Univ.)TANIMOTO, Shinataro; AOTA, Hiroyuki
- 3P106 Application of addition-condensation products of pyrrole with aldehyde for photoenergy conversion devices (28) Structure control of macromolecular wire
(Kansai Univ.)MIYAMOTO, Hikaru; AOTA, Hiroyuki
- 3P107 Development of photoenergy conversion devices by addition-condensation products of pyrrole with aldehyde(30) Structure study for bandgap and ionization potential control
(Kansai Univ.)YASUDA, Hisayo; TAKAYA, Dai; MAKI, Yutarou; AOTA, Hiroyuki