

Wednesday, September 8

18:00-19:40

- 1P001 Time-resolved EPR of photoinduced charge-separated state in porphyrin-fullerene dyad bridged by conformation-constrained oligosilane by cyclic alkyl chain
(Shizuoka Univ.; Kyoto Univ.; The Univ. of Tokyo ; RIKEN) NAGATA, Hiroto; SHIBANO, Yuki; TSUZI, Hayato; TAMAO, Kohei; MURAI, Hisao; KOBORI, Yasuhiro
- 1P002 Translational diffusion behaviors of molecules under the resonance optical Trapping
(Osaka Univ.; JST-PRESTO) YAMAUCHI, Hiroaki; TAGUCHI, Masataka; ITO, Syoji; MIYASAKA, Hiroshi
- 1P003 Development of a novel chromatographic method driven by laser-induced shock-wave for the size/molecular weight measurement of nano-particles and –molecules
(Kyoto Inst. Tech.) ICHINOSE, Nobuyuki; NAKAMURA, Shinpei; NAGAHARA, Tetsuhiko
- 1P004 Optical Microscopy Investigation on the Growth of Single Gold Nanoparticle
(Univ. of Tokushima; Kyushu Univ.) SHIRAIISHI, Ryowya; HASHIMOTO, Shuichi; TSUJI, Takeshi
- 1P005 Dynamics of the excited triplet state of Zinc-porphyrin bound to human serum albumin
(Shizuoka Univ.) MATSUSHITA, Kenshiro; KOBORI, Yasuhiro
- 1P006 Determination on the orientation of a single molecule / particle using total internal fluorescence reflection microscopy
(Hokkaido Univ.) MOTEGI, Toshinori; NABIKA, Hideki; MURAKOSHI, Kei
- 1P007 Measurement of the ultrafast solvation response in Ionic Liquids with femtosecond photon echo spectroscopy
(Osaka Univ.) MURAMATSU, Masayasu; NAGASAWA, Yutaka; MIYASAKA, Hiroshi
- 1P008 Highly efficient photoisomerization of diphenylbutadiene dendrimers in water
(Univ. of Tsukuba) MIURA, Yousuke; ARAI, Tatsuo
- 1P009 Multiphoton excitation of Tyrosine by Strong Photon-molecule Coupling Fields Photochemical Reaction
(Gunma Univ.; JST-PRESTO) YAMASHITA, Takao; HARUTA, Susumu; HORIUCHI, Hiroaki; HIRATSUKA, Hiroshi; OKUTSU, Tetsuo
- 1P010 Symmetry-lowering of 1,10-phenanthroline complexes of transition metal ions in lowest excited triplet state
(Toyama Univ.) SO, Jun; NOZAKI, Koichi; IWAMURA, Munetaka
- 1P011 Full three dimensional orientational distribution of single molecules determined by simultaneous multiple beam illumination

- (Tokyo Tech) OBA, Tatsuya; HABUCHI, Satoshi; VACHA, Martin
- 1P012 Electron injection in efficient Zn porphyrin dye sensitized solar cells: Effect of oxide semiconductor electrode
(AIST; Univ. of Tsukuba; Shinshu Univ.; Univ. of Wollongong) SUNAHARA, Kenji; FURUBE, Akihiro; KATOH, Ryuzi; MORI, Shogo; WALLANCE, Gordon G.; WAGNER, Pawel; OFFICER, David L.; MOZER, Attila
- 1P013 Solvent viscosity dependence of time-resolved fluorescence in oligoacetylene-linked pyrene dimers
(Tokyo Metro. Univ.) ASANO, Motoko S.; KITABAYASHI, Masato; YAMASHITA, Ken-ichi; SUGIURA, Ken-ichi
- 1P014 Formation dynamics of fullerene cation in near-IR polymer solar cell studied by transient absorption spectroscopy
(Kyoto Univ.; JST-PRESTO) YAMAMOTO, Shunsuke; OHKITA, Hideo; BENTEN, Hiroaki; ITO, Shinzaburo
- 1P015 Synthesis and photochemical properties of stilbene ionic liquids
(Univ. of Tsukuba) TAMURA, Hiroyasu; ARAI, Tatsuo
- 1P016 Optical Trapping of Nanoparticles Using Localized Surface Plasmon
(Hokkaido Univ.; Osaka Pref. Univ.) SHOJI, Tatsuya; KITAMURA, Noboru; TAKASE, Mai; MURAKOSHI, Kei; MIZUMOTO Yoshihiko; ISHIHARA, Hajime; TSUBOI, Yasuyuki
- 1P017 Synthesis and photochemistry of ionic liquids having photoresponsive group
(Univ. of Tsukuba) SUGAWARA, Shinsuke; ARAI, Tatsuo
- 1P018 Electric field effects on photoexcitation dynamics of water-soluble CdTe Nanoparticles
(Hokkaido Univ.; Kwansei Gakuin Univ.) OHSHIMA, Ruriko; NAKABAYASHI, Takakazu; KOBAYASHI, Youichi; TAMAI, Naoto; OHTA, Nobuhiro
- 1P019 Relation between One-photon and Multiphoton Cycloreversion Yield of Diarylethene Derivatives
(Osaka Univ.; Osaka City Univ.; Rikkyo Univ.) OKUNO, Katsuki; ISHIBASHI, Yukihide; MIYASAKA, Hiroshi; KOBATAKE, Seiya; IRIE, Masahiro
- 1P020 Raman Spectroscopic Analysis of Glycine Dense Liquid Droplet Induced by Photon Pressure
(NAIST; National Chiao Tung Univ.) YUYAMA, Ken-ichi; RUNGSIMANON, Thitiporn; SUGIYAMA, Teruki; MASUHARA, Hiroshi
- 1P021 Fabrication and Photoelectric Conversion Properties of Metal Nanostructure-Electrochemically Polymerized Polythiophene Composite Films
(Kyushu Univ.; Univ. of Shiga Pref.) TAURA, Sakiko; YONEDA, Hiroyuki; YAMADA, Sunao; AKIYAMA, Tsuyoshi
- 1P022 Confocal dynamic Rayleigh scattering microspectroscopy and imaging of nano-light scatters
(National Chiao Tung Univ.; NAIST) UWADA, Takayuki; HEE, Ping-Yu;

MASUHARA, Hiroshi

- 1P023 An improved working model for interpreting the fluence-dependent response in pulsed laser-induced shape transformation of aqueous gold nanoparticles
(Univ. of Tokushima) WERNER, Daniel; HASHIMOTO, Shuichi
- 1P024 Photoreaction of spironaphthoxazine with aluminum
(Shinshu Univ.) SHIMAMURA, Suguru; NISHIKIORI, Hiromasa; TANAKA, Nobuaki; FUJII, Tsuneo
- 1P025 Research of Manganese Complex
(Tokyo Tech; The KAITEKI Institute, INC.) NAKATA, Hiroya; HATAKEYAMA, Makoto; YOKOJIMA, Satoshi; NAKAMURA, Shinichiro
- 1P026 Low Field Effect on the Carrier Dynamics in the Photoconductance of Poly(*N*-vinylcarbazole) Films
(Niigata Univ.; Oxford Univ.) KOMAGATA, Keisuke; IKOMA, Tadaaki; MAEDA, Kiminori; HENBEST, Kevin B
- 1P027 Intramolecular interactions between nucleobase and pyrene moieties in the excited state of silylated pyrene modified deoxynucleotides
(Gunma Univ.) OMORI, Takayuki; YOSHIHARA, Toshitada; HATTORI, Yoshimasa; MORIGUCHI, Tomohisa; SHINOZUKA, Kazuo; TOBITA, Seiji
- 1P028 Tracking of photoisomerization of 4,4'-diiodoazobenzene in solution by X-ray scattering measurement
(Tohoku Univ.; Ryukoku Univ.) SOTOME, Hikaru; ONO, Kimitoshi; MATSUSHIMA, Shin-ichi; KAJIMOTO, Shinji; FUKUMURA, Hiroshi; ONISHI, Kazuki; NISHIKAWA, Yasuaki; UCHIDA, Kingo
- 1P029 Protein-protein interaction dynamics of Anabaena sensory rhodopsin monitored by molecular diffusion process
(Kyoto Univ.; Nagoya Ins. Tec. Univ.; Texas Univ.) KONDOH, Masato; INOUE, Keiichi; SASAKI, Jun; SPUDICH, J.L.; TERAZIMA, Masahide
- 1P030 Characteristics of room-temperature phosphorescence of benzobisdisilacyclobutene in various environments
(Gunma Univ.) ANDO, Keigo; TOMA, Yuki; HORIUCHI, Hiroaki; OKUTSU, Tetsuo; KYUSHIN, Souichiro; HIRATSUKA, Hiroshi
- 1P031 Laser trapping induced giant protein assembly at solution surface: assembling dynamics studied by fluorescence microscopy
(National Chiao Tung Univ.; NAIST; RIKEN) MIURA, Atsushi; LEE, I-Chun; TU, Jing-Ru; UWADA, Takayuki; YUYAMA, Ken-ichi; SUGIYAMA, Teruki; SANO, Ken-Ichi; YAMASHITA, Ichiro; MASUHARA, Hiroshi
- 1P032 Photocatalytic Reduction of Carbon Dioxide in a Microreaction System
(Tokyo Tech; Egypt-Japan Univ. of Science and Technology; Aoyama Gakuin Univ.) FUKAZAWA, Yohei; MATSUSHITA, Yoshihisa; OOKAWARA, Shinichi; ISOZAKI, Tasuku; SUZUKI, Tadashi
- 1P033 Analysis of the binding dynamic of DNA•H₂TMPyP complex in micro

seconds region by time-resolved CD technique

(Tohoku Univ.) MURAKAMI, Makoto; ARAKI, Yasuyuki; SAKAMOTO, Seiji; WADA, Takehiko

- 1P034 Tandem Asymmetric Reaction of Quinolonamide Derivatives Using Chiral Memory
(Chiba Univ.) SAKAMOTO, Masami; YAGISHITA, Fumitoshi; MINO, Takashi; FUJITA, Tsutomu
- 1P035 Enantiodifferentiating Supramolecular Asymmetric [2+2] Photocycloaddition of Ethylene to Cyclic Enones
(NAIST) YANAGISAWA, Yuuki; NISHIYAMA, Yasuhiro; KAKIUCHI, Kiyomi
- 1P036 [4+4] Photodimerization of 1-benzoquinoline through cation- π interactions
(Ochanomizu Univ.) KAWAMURA, Chiaki; YAMADA, Shinji
- 1P037 Influence of Arenes, Electron Acceptors, Solvent on Photochemical Decarboxylation
(Univ. of Fukui; Ritsumeikan Univ.) HAYASHI, Shota; YOSHIMI, Yasuharu; NISHIKAWA, Keisuke; HATANAKA, Minoru; ITOU, Tatsuya, OKADA, Yutaka
- 1P038 Addition of Radical, Generated from Tripeptides via Photochemical Decarboxylation, to Alkene
(Univ. of Fukui; Ritsumeikan Univ.) MAEDA, Kousuke; YOSHIMI, Yasuharu; NISHIKAWA, Keisuke; HATANAKA, Minoru; ITOU, Tatsuya; OKADA, Yutaka
- 1P039 Addition of Radical, Generated from Carboxylic Acid via Photochemical Decarboxylation, to Oxime Ether
(Univ. of Fukui; Ritsumeikan Univ.) KOBAYASHI, Kosuke; YOSHIMI, Yasuharu; NISHIKAWA, Keisuke; HATANAKA, Minoru; ITOU, Tatsuya; OKADA, Yutaka
- 1P040 Retention of Chirality of Amino Acid on Radical Addition to Alkene via Photochemical Decarboxylation
(Univ. of Fukui; Ritsumeika Univ.) NISHINO, Nana; YOSHIMI, Yasuharu; NISHIKAWA, Keisuke; HATANAKA, Minoru; ITOU, Tatsuya; OKADA, Yutaka
- 1P041 Study on Conformation and Properties of Photochromic Terarylene Derivatives having Intramolecular Interaction
(NAIST) FUKUMOTO, Sayo; NAKASHIMA, Takuya; KAWAI, Tsuyoshi
- 1P042 Substituent and solvent effects on photoreactions of benzoylacetoamides
(Tokyo Gakugei Univ.) ITO, Yasushi; ARAKI, Kana; MIURA, Yuuki; YAMADA, Michio; MAEDA, Yutaka; HASEGAWA, Tadashi
- 1P043 Reversible Intramolecular [2+2] Photocycloaddition of Phenanthrene-ethylene Dyad
(Osaka Pref. Univ.) NAKANISHI, Yosuke; IKEDA, Hiroshi; MIZUNO, Kazuhiko
- 1P044 Swithing effects in terarylene derivative having dimethylamino group
(NAIST) KUTSUNUGI, Yuichiro; NAKASHIMA, Takuya; KAWAI, Tsuyoshi
- 1P045 Stereoselective [2+2] Photodimerization of Azastylbenes
(Ochanomizu Univ.) KUSAFUKA, Momoko; SUGAWARA, Mai; YAMADA, Shinji
- 1P046 Synthesis and Properties of *meso*-Oligothiénylsubporphyrins
(Kyoto Univ.) HAYASHI, Shin-ya; INOKUMA, Yasuhide; OSUKA, Atsuhiko
- 1P047 Intermolecular [2+2] Photocycloaddition Reaction of Chromone Derivatives with

Various Alkenes

(Chiba Univ.) SAKAMOTO, Masami; YOSHIWARA, Kazuya; YAGISHITA, Fumitoshi; MINO, Takashi; FUJITA, Tsutomu

- 1P048 Observation of Radical Cations Possessing One-electron σ -Bond Generated by Photoinduced Electron-Transfer Reaction
(Osaka Pref. Univ.; Tohoku Univ.) IKEDA, Hiroshi; ASADA, Naoya; OSHIMA, Mitsuhiko, MIZUNO, Kazuhiko
- 1P049 Development of Ru(II) complex photocatalysts for face-selective hydride reduction of an NAD(P) model compound
(Tokyo Tech) KOGA, Kichitaro; ISHITANI, Osamu
- 1P050 Emission Properties of the Excited Triplet Trimethylenemethane Biradical
(Osaka Pref. Univ.) MATSUI, Yasunori; IKEDA, Hiroshi; MIZUNO, Kazuhiko
- 1P051 Effects of the Substitution Position of Naphthyl Group on Thermoluminescence of Methylene cyclopropane
(Osaka Pref. Univ.; Tohoku Univ.) IKEDA, Hiroshi; SERA, Toshiki; NAMAI, Hayato; MIZUNO, Kazuhiko
- 1P052 Solid-State Emission of D-A type Benzoquinoline Compounds and their Crystal Structures
(Kyushu Univ.) ABE, Yuichiro; KARASAWA, Satoru; KOGA, Noboru
- 1P053 Aerobic Photo-oxidation with Organocatalyst under VIS Irradiation
(Gifu Pharmaceutical Univ.) HATTORI, Kasumi; HIRASHIMA, Shin-ichi; TADA, Norihiro; MIURA, Tsuyoshi; ITOH, Akichika
- 1P054 Photomechanical Motion of Anthrylmethyleneindanone Crystals
(Ehime Univ.) UCHIMOTO, Hidetaka; KOSHIMA, Hideko
- 1P055 Supramolecular Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylate in the Presence of de novo Designed Oligopeptide or Catalytic Antibody as a Chiral Reaction Field
(Tohoku Univ.; Osaka Univ.; IMS; The Univ. of Tokyo) SUGAWARA, Yui; MIYACHI, Ayumi; UI, Mihoko; SAKAMOTO, Seiji; ARAKI, Yasuyuki; NISHIJIMA, Masaki; TSUMOTO, Kohei; KIMBARA, Kazushi; INOUE, Yoshihisa; WADA, Takehiko
- 1P056 Analysis of excitonic interaction between different dyes for effective quenching of a fluorophore
(Nagoya Univ.; JST-CREST) FUJII, Taiga; HARA, Yuichi; YOSHIDA, Yasuko; LIANG, Xingguo; KASHIDA, Hiromu; ASANUMA, Hiroyuki
- 1P057 pH dependence of the fluorescence lifetime of EYFP in cells and in buffer Solution
(Hokkaido Univ.) SUMIKAWA, Ryoya; OSHITA, Shugo; NAKABAYASHI, Takakazu; SUN, Fan; KINJO, Masataka; OHTA, Nobuhiro
- 1P058 Development of Diphenylpyran-based Novel Organic Dyes for Dye-sensitized Solar Cells
(Tokyo Tech) ALTAN, Bolag; NISHIDA, Jun-ichi; YAMASHITA, Yoshiro
- 1P059 Synthesis of Hybrid Nanocomposites in Dye Reverse Micelles

- (Shizuoka Univ.) TAKAHASHI, Masaki; OHNO, Shuhei; SENGOKU, Tetsuya; YODA, Hidemi
- 1P060 Preparation of chiral π -conjugated carboxylic acid/amine-supramolecular organic fluorophore with CPL property
(Kinki Univ.; The Univ. of Tokyo; NAIST) IMAI, Yoshitane; NISHIGUCHI, Noriaki; KINUTA, Takafumi; HARADA, Takunori; NAKANO, Yoko; SATO, Tomohiro; FUJIKI, Michiya; KURODA, Reiko; MATSUBARA, Yoshio
- 1P061 Synthesis and Photodynamics of π -Expanded Porphyrin-Fullerene Dyads
(Ehime Univ.; Osaka Univ.) KUZUHARA, Daiki; OHKUBO, Kei; YAMADA, Hiroko OKUJIMA, Tetsuo; UNO, Hidemitsu; FUKUZUMI, Shunichi.
- 1P062 Combined Experimental and Theoretical Studies on the Chiroptical Properties of Donor-Acceptor Binaphthyls. Role of Dynamic Conformer Populations on the Circular Dichroism
(Osaka Univ.) NISHIZAKA, Masaki; MORI, Tadashi; INOUE, Yoshihisa
- 1P063 Studies on Photoinduced Electron Transfer of BODIPY-Triphenylamine -linked Platinum Triad System
(Osaka City Univ.; Univ. of Toyama; Kyoto Inst. Tech.; Tohoku Univ.) IEKI, Nobuhiro; SUZUKI, Shuichi; SUGIMURA, Ryoji, NAITOH, Takahiro; KOZAKI, Masatoshi; KEYAKI, Kazutoshi; NOZAKI Koichi; IKEDA Noriaki; AKIYAMA, Kimio; OKADA Keiji
- 1P064 Synthesis of a New Porphycene with Ionic Liquid Tag and Photosensitizing Oxidation Reaction
(Kyushu Univ.) SASAKI, Kenichi; SHIMAKOSHI, Hisashi; ABE, Masaaki; HISAEDA, Yoshio
- 1P065 Synthesis and chemiluminescent decomposition of dioxetanes bearing an aryl group with helicity
(Kanagawa Univ.) KOYAMA, Youhei; WATANABE, Nobuko; IJUIN, K. Hisako; MATSUMOTO, Masakatsu
- 1P066 Base-induced chemiluminescence of dioxetanes bearing a sterically crowded bisnaphthol moiety
(Kanagawa Univ.) WATANABE, Nobuko; KAWASHIMA, Hidehisa; IJUIN, Hisako; MATSUMOTO, Masakatsu
- 1P067 Chemiluminescence Properties of π -Conjugation-regulated Imidazopyrazinone Derivatives
(UEC Tokyo) KOBAYASHI, Hirokazu; FUJIO, Shunsuke; MAKI, Shojiro; NIWA, Haruki; HIRANO, Takashi
- 1P068 Intramolecular Photoreaction of 9-Cyanophenanthrene with Arylcyclopropanes
(Kanazawa Univ.) SAKURAI, Hisashi; MAEDA, Hajime; SEGI, Masahito
- 1P069 Synthesis and Spectroscopic Properties of Amidopyrazine Fluorescent Dyes Based on Cypridina Bioluminescence
(UEC Tokyo) NAKAGAWA, Tatsuki; MAKI, Shojiro; NIWA, Haruki; HIRANO,

Takashi

- 1P070 Photochemical behavior of cationic iridium complexes in vesicles
(The Univ. of Tokyo) ABOSHI, Ryo; MATSUURA, Haruhiko; TAKIZAWA, Shin-ya;
MURATA, Shigeru
- 1P071 Synthesis and properties of a porphyrin array composed of rigid backbone with an
excitation energy gradient
(Osaka City Univ.) UETOMO, Atsuhiko; KOZAKI, Masatoshi; SUZUKI, Shuichi;
OKADA, Keiji
- 1P072 Diastereoselective Photodimerization of Chromone Derivatives
(Chiba Univ.) SAKAMOTO, Masami; OKINO, Yoshinari; YAGISHITA, Fumitoshi;
MINO, Takashi; FUJITA, Tsutomu
- 1P073 Synthesis and Spectroscopic Properties of Firefly-type Multicolor Fluorescent Dyes
(UEC Tokyo) YAMASHITA, Reiko; MAKI, Shojiro; NIWA, Haruki; HIRANO, Takashi
- 1P074 Hydrogen-bonded supramolecular polymers composed of melamine-linked
iridium(III) complex and their OLED devices
(Chiba Univ.) KOBAYASHI, Yuki; KOBAYASHI, Masahiro; YAGAI, Shiki;
KITAMURA, Akihide; KARATSU, Takashi
- 1P075 Synthesis and properties of light-emitting naphthalene derivatives
(Ehime Univ.) AOTAKE, Tatsuya; YAMADA, Hiroko; OKUJIMA, Tetsuo; UNO,
Hidemitsu
- 1P076 Self-assembled Benzothiadiazole Two-photon Absorption Dyes having Cholesterol
Moieties
(Kurume National College of Tech.) ISHI-I, Tsutomu; NAKAMURA, Nozomi
- 1P077 One-pot synthesis of macrocyclic compounds using photocycloaddition of σ , m ,
 p -substituted di-2-pyrone with α,ω -diolefins
(Kagoshima Univ.) KAWABATA, Kazuya; SHIMO, Tetsuro
- 1P078 Enantiodifferentiating Photocyclodimerization of 2-Anthracenecarboxylic Acid
Mediated by Prolinol As A Chiral Hydrogen-Bonding Template
(Osaka Univ.) KATSUMATA, Shinya; KAWANAMI, Yuko; FUKUHARA, Gaku;
NISHIJIMA, Masaki; YANG, Cheng; MORI, Tadashi; INOUE, Yoshihisa
- 1P079 Luminescence properties of eight- and nine-coordinated Eu(III) complexes with
phosphine oxides
(Hokkaido Univ.; NAIST) MIYATA, Kohei; HASEGAWA, Yasuchika; KAWAI,
Tsuyoshi
- 1P080 Improvement of Photocatalytic Abilities of Ru(II) Multinuclear Complexes for CO₂
Reduction
(Tokyo Tech; AIST; JST-SORST) TAMAKI, Yusuke; KOIKE, Kazuhide; ISHITANI,
Osamu
- 1P081 Circularly Polarized Luminescence of Chiral Eu(III) Complexes Related to
Coordination Geometry
(NAIST; Hokkaido Univ.) HARADA, Takashi; TSUMATORI, Hiroyuki; YUASA,

- Junpei; KAWAI, Tsuyoshi; HASEGAWA, Yasuchika
- 1P082 Photocatalysis of Ring-shaped Multinuclear Rhenium Complexes for CO₂ Reduction (Tokyo Tech; AIST; JST-CREST) NAKAGAWA, Yuki; KOIKE, Kazuhide; MORIMOTO, Tatsuki; ISHITANI, Osamu
- 1P083 A Coumarin-Spiropyran Conjugate as a Fluorescent Probe for Selective Cyanide Ion Detection in Aqueous Media (Osaka Univ.) SUMIYA, Shigehiro; SHIRAIISHI, Yasuhiro; HIRAI, Takayuki
- 1P084 Microscopic heterogeneity and its dependence on degree of polymerization in poly(2-hydroxyethyl acrylate) thin films studied by single molecule tracking (Osaka Univ.; JST-PRESTO; Toyama Pref. Univ.) MAEDA, Kentaro; ITO, Syoji; TAKEI Satoshi; MIYASAKA, Hiroshi
- 1P085 Sensitizing Performance of Silyl-substituted Azobenzenes in Dye-sensitized Solar Cells (Gunma Univ.) KAKIAGE, Kenji; YAMAMURA, Masaki; UNNO, Masafumi; KYOMEN, Toru; HANAYA, Minoru
- 1P086 Fabrication of photo-responsive Mesoporous Silica hybrid material (Tokyo Metro. Univ.; JST-SORST; TOYOTA CENTRAL LABS.) YAMAMOTO, Daisuke; NABETANI, Yu; SHIMADA, Tetsuya; TACHIBANA Hiroshi; YANO, Kazuhisa; INOUE, Haruo
- 1P087 Nano-structure Control of Hollow Silica Particles by the Intense Laser Irradiation to Excite Surface Plasmon Resonance Peak (Nagoya Univ.) FURUKAWA, Koji; KAMEYAMA, Tatsuya; OKAZAKI, Ken-ichi; TSUBOI, Yasuyuki; TORIMOTO, Tsukasa
- 1P088 Immobilization of ZnS-AgInS₂ Solid Solution Nanoparticles on ZnO Nanorods and Their Application to Solar Cell (Nagoya Univ.; Tokyo Univ. Sci.; Osaka Univ.) SASAMURA, Tetsuya; OKAZAKI, Ken-ichi; KUDO, Akihiko; KUWABATA, Susumu; TORIMOTO, Tsukasa
- 1P089 Control of Surface Wettability and Photo-micropatterning according to a Diarylethene Crystal Growth upon Photoirradiation (Osaka City Univ.) KITAGAWA, Daichi; KOBATAKE, Seiya
- 1P090 Nanoscale characterization of conjugated polymer light emitting diodes by fluorescence micro-spectroscopy (Tokyo Tech) HATANO, Tatsuhiko; HABUCHI, Satoshi; VACHA, Martin
- 1P091 Photoinduced Topographical Changes of Diarylethene Microcrystalline Surface. Fabrication of Biomimetic Surfaces (Ryukoku Univ.; Mitsubishi Chemical Group; Hokkaido Univ.; Osaka Kyoiku Univ.; Rikkyo Univ.) UCHIDA, Kingo; NISHIKAWA, Naoki; UYAMA, Ayaka; MAYAMA Hiroyuki; KOJIMA Yuko; YOKOJIMA Satoshi; NAKAMURA, Shinichiro; TUJII Kaoru; TSUJIOKA, Tsuyoshi; IRIE, Masahiro
- 1P092 Syntheses of silver niobate from niobium oxide nanowires and the photocatalytic properties

- (Tokyo Univ. Sci.; JST-PRESTO) KOGA, Kazunori; SAITO, Kenji; KUDO, Akihiko
- 1P093 Photochromism of Novel Bisarylindenol Derivatives
(Yokohama Nat. Univ.) OGAWA, Hatsune; UBUKATA, Takashi; YOKOYAMA, Yasushi
- 1P094 Photochromism of Novel 3,4-Bisthiazolyl-2*H*-chromen-2-one Derivatives
(Yokohama Nat. Univ.) SUZUKI, Kazushi; UBUKATA, Takashi; YOKOYAMA, Yasushi
- 1P095 Facile Synthesis and Photoreaction of Novel Arylbutadienes
(Yokohama Nat. Univ.) KOCHI, Junichi; UBUKATA, Takashi; YOKOYAMA, Yasushi
- 1P096 A Fluorescent Chemodosimeter for Hg(II) Based on a Benzooxadiazole-Thiourea Conjugate
(Osaka Univ.) SUGIL, Takahiro; SUMIYA, Shigehiro; SHIRAI, Yasuhiro; HIRAI, Takayuki
- 1P097 Highly Sensitive Colorimetric Sensing of Cyanide Anion Using Dinitro Spiropyran
(Osaka Univ.) ITOH, Masataka; SHIRAI, Yasuhiro; HIRAI, Takayuki
- 1P098 Metal atom diffusion behavior on uncolored diarylethene surfaces
(Osaka Kyoiku Univ.) NATSUME, Daisuke; SESUMI, Yusuke; TSUJIOKA, Tsuyoshi
- 1P099 The Photoresponsive Behavior of Azobenzene Derivatives on the Surface of the Noble Metal Nanoprisms
(Kyoto Univ.) TSUETAKI, Hajime; HIGASHIGUCHI, Kenji; MATSUDA, Kenji
- 1P100 Development of Tripod-Shaped Photoluminescent Ionic Liquid Crystals
(The Univ. of Tokyo) TANABE, Kana; KATO, Takashi
- 1P101 Photoproperties of Gold Nanorods on Substrates Fabricated by Magnetic Processing
(Kyushu Univ.) SAKAI, Natsuko; YONEMURA, Hiroaki; SUYAMA, Junichi; YAMADA, Sunao
- 1P102 Development of Piezochromic Luminescent Liquid Crystals
(The Univ. of Tokyo) SAGARA, Yoshimitsu; KATO, Takashi
- 1P103 Amplified spontaneous emission of polymer thin films containing Lanthanoid complexes
(Shizuoka Univ.) SHIBATA, Yoh; KAWAI, Hideki
- 1P104 A theoretical study on the behavior of excited organic moieties in organosilica materials
(TOYOTA CENTRAL R&D LABS. INC.; JST-CREST) SHIRAI, Soichi; TANI, Takao; ASAH, Ryoji; INAGAKI, Shinji
- 1P105 Photochromism of 2-hydroxychalcone to flavylum between clay interlayer
(Shizuoka Univ.; Tokyo Tech) KOHNO, Yoshiumi; ITO, Maki; KURATA, Mitsuru; IKOMA, Shuji; SHIBATA, Masashi; MATSUSHIMA, Ryoka; MAEDA, Yasuhisa
- 1P106 Specific photo reaction of a photo acid generator by 222 nm light irradiation
(Chiba Univ.) HATA, Hiroki; NAKAJIMA, Kota; TAKAHARA, Shigeru
- 1P107 Syntheses of step- π -conjugated polymers and their application for photoenergy conversion system (26) Estimation of kinetic constant of intermolecular energy and

electron transfers

(Kansai Univ.; Osaka Univ.) NISHIMURA, Shouta; AOTA, Hiroyuki; MATSUMOTO, Akira; KANEMATSU, Yasuo; ICHIDA, Hideki; HAMADA, Norio

1P108 Synthesis of step- π -conjugated polymers and their application for photoenergy conversion systems (27) Synthesis of A,B-block type amphiphilic polymers and photoinduced interphase electron transfer

(Kansai Univ.) UCHIDA, Yuki; AOTA, Hiroyuki; MATSUMOTO, Akira

1P109 Application of addition-condensation products of pyrrole with aldehyde for photoenergy conversion devices (28) Possibility of molecular wire of benzene unit (Kansai Univ.) EJIRI, Hiroaki; AOTA, Hiroyuki; MATSUMOTO, Akira

1P110 Polymer-sensitized solar cells with novel soluble polythiophene derivatives having hydrophilic anchoring units

(The Univ. of Tokyo; Nissan Chemical Industries) KUBO, Takaya; AKITSU, Kenta; UCHIDA, Satoshi; SEGAWA, Hiroshi; OTANI, Naoki; TOMURA, Misayo; TAMURA, Takayuki; MATSUMURA, Mitsunobu

1P111 Synthesis and Properties of Diarylethene Derivatives Having 3-Carbazolyl Group as Hole Injection Site

(Osaka Kyoiku Univ.) ARIMA, Yu; SHOJI, Kentaro; KAKIHARA, Yasuhiro; TSUJIOKA, Tsuyoshi; HORI, Kazushige; KUBONO, Koji; TANI, Keita

1P112 Systematic investigation of the influence of molecular arrangement on the solid-state optical properties by using ammonium anthracene disulfonate

(Osaka Univ.) HINOUE, Tomoaki; TOHNAI, Norimitsu; HISAKI, Ichiro; MIYATA, Mikiji

1P113 Photocatalytic surface reaction on titanium dioxide (TiO_2) surface studied by sum frequency generation (SFG) spectroscopy

(NIMS; Hokkaido Univ.) NOGUCHI, Hidenori; OIKAWA, Takashi; UOSAKI, Kohei

1P114 Mass Spectra of Secondary Organic Aerosol Formed from the Photooxidation of Aromatic Hydrocarbons

(NIES; Aoyama Gakuin Univ.) SATO, Kei; TAKAMI, Akinori; ISOZAKI, Tasuku; IMAMURA, Takashi