Poster session

June 3 (Fri) 17:00-18:30

(odd number 17:00-17:45　even number 17:45-18:30)

PM001 (W001) Pursuing exciton-polariton dynamics by using well-defined metallic nanostructures and its application to photochemical reaction fields
Kosei UENO (Hokkaido Univ.)

PM002 Development of novel photoreactions with multi-exciton generation in quantum dot
Tsukasa TORIMOTO (Nagoya Univ.)

PM003 Development of catalytic multi-photon-excited photoreactions in the reaction field localizing substrates and excitation sources
Katsuhiro ISOZAKI (Kyoto Univ.)

PM004 Development of high-yield singlet fission compounds and elucidation of exciton fission mechanism
Takashi KUBO (Osaka Univ.)

PM005 Efficient utilization of the excitation energy of highly-excited quantum dots for photoreactions
Vasudevan P. BIJU (Hokkaido Univ.)

PM006 Photo-responsive polymer systems conjugated with photo-reaction of effector molecules
Kazuki SADA (Hokkaido Univ.)

PM007 Multi-step photoresponse of multi-metal tetrahedral host reflecting guest symmetry
Masaki YAMAMURA (Univ. of Tsukuba)

PM008 (W002) Light-melt adhesive based on dynamic carbon frameworks in a columnar liquid crystal phase
Shohei SAITO (Kyoto Univ.)

PM009 Exciplex-controlled chiral photochemistry
Tadashi MORI (Osaka Univ.)

PM010 Light energy conversion systems utilizing synergistic functionalities of organic-inorganic hybrid molecular assemblies
Hayato SAKAI (Keio Univ.)

PM011 Photochromic electronics by molecular assembly for novel optoelectronic functions
Yutaka WAKAYAMA (NIMS)

PM012 Synthesis of chiral compounds in transient mesoscopic structures formed during laser-induced phase separation
Shinji KAJIMOTO (Tohoku Univ.)

PM013 (W003) Clarification and control of the cooperative photoresponsive molecular assemblies in the non-equilibrium states
Fuyuki ITO (Shinshu Univ.)

PM014 Polymer actuators driven by two-photon processes
Tomiki IKEDA (Chuo Univ.)

PM015 (W004) Development of fluorescence switching systems based on advanced photochromic molecules and high-order photoexcitation methods
Masakazu MORIMOTO (Rikkyo Univ.)

PM016 Control of an interface structure of photoresponsive film on a plasmonic chip
Keiko TAWA (Kwansei Gakuin Univ.)

P001 Photomechanical behaviors observed for azobenzene-based photochromic amorphous molecular materials
Hideyuki NAKANO (Muroran Inst. Tech.)

P002 Fabrication of photoinduced superhydrophobic surface mimicking a termite wing
Ryo NISHIMURA (Ryukoku Univ.)

P003 Crystal patterning of deposited film of diarylethene derivatives having chiral substituents
Kana KAWASAKI (Ryukoku Univ.)

P004 (W008) Stealth fast photoswitching of negative photochromic naphthalene-bridged phenoxyl-imidazolyl radical complex
Katsuya MUTOH (Aoyama Gakuin Univ.)

P005 (W006) Stepwise two-photon-induced fast photoswitching via electron transfer in higher excited states of photochromic imidazole dimer
Yoichi KOBAYASHI (Aoyama Gakuin Univ.)

P006 (W005) Mechanism of crystallochromy in solid-state tetracenes
Kazuhiro FUJIMOTO (Hokuriku Univ.)

P007 A photo- and thermoresponsive fluorescent diarylethene derivative having donor-acceptor units
Tetsuya NAKAGAWA (Yokohama Natl. Univ.)

P008 Analysis and design of electronic coupling in covalently-linked singlet fission systems
Soichi ITO (Osaka Univ.)

P009 Direct observation of femtosecond coherent vibrational wavepacket motions in electron transfer systems
Yutaka NAGASAWA (Ritsumeikan Univ.)

P010 Electromagnetic strong coupling system composed of mesoscopic structures and dye molecules evaluated by a classical coupled-oscillator model
Tamitake ITOH (AIST)

P011 Theoretical investigation of spatial correlation between open-shell singlet nature and anisotropy of induced current density of linear conjugated fused-ring molecules
Jun-ya FUJIYOSHI (Osaka Univ.)

P012 Theoretical analysis of triplet-triplet annihilation based photon up-conversion mechanism in solvent
Ryuma SATO (Univ. of Tsukuba)

P013 Selective metal-vapor deposition/modulation on diarylethene surfaces - metal species dependency -
Saki MATSUMOTO (Osaka Kyoiku Univ.)

P014 *In situ* photo-irradiation solid-state NMR study of the photoreaction cycle of microbial rhodopsin
Izuru KAWAMURA (Yokohama Natl. Univ.)

P015 (W007) Persistent room temperature phosphorescence from non-polar pure aromatic crystals
Shuzo HIRATA (Tokyo Inst. Tech.)

P016 (W009) Photoactuation of liquid-crystalline elastomers containing dynamic covalent bonds
Toru UBE (Chuo Univ.)

P017 In-situ microspectroscopic imaging for photoisomerization of diarylethene film promoted on the aluminium plasmonic chip
Taiga KADOYAMA (Kwansei Gakuin Univ.)

P018 Single particle spectroscopy of $(AgIn)_xZn_{2(1-x)}S_2$(ZAIS) semiconductors
Dharmendar Kumar SHARMA (Tokyo Inst. Tech.)

P019 Femtosecond microspectroscopic study on single organic crystal with size of micrometer to nanometer
Yukihide ISHIBASHI (Ehime Univ.)

P020 Exciton dynamics of colloidal perovskite nanoparticles by means of total reflectance widefield femtosecond transient absorption microscopy
Tetsuro KATAYAMA (Kwansei Gakuin Univ.)

P021 Relationship between two-photon absorption and open-shell character in phenalenyl radical dimers
Naoyuki MATSUSHITA (Osaka Univ.)

P022 Efficient photon upconversion in binary solid fabricated by solution casting
Kenji KAMADA (AIST)

P023 Dye-assisted visualization of plasmon modes excited on a single gold nanoplates
Keisuke IMAEDA (Waseda Univ.)

P024 Photochromic performance of 1-thiazolyl-2-vinylcyclopentene derivatives having various aryl group-substituted olefin
Shizuka TAKAMI (Natl. Inst. Tech., Niihama College)

P025 Molecular structures and dynamics of photoresponsive systems revealed by time-resolved vibrational and vibrational optical activity spectroscopies
Akira SAKAMOTO (Aoyama Gakuin Univ.)

P026 Solid-state polymerization in polydiacetylene nanofibers and their nonlinear optical properties
Tsunenobu ONODERA (Tohoku Univ.)

P027 Luminescence switching of CdTe quantum dots by photochromic diarylethene derivatives
Ken KINOSHITA (Kwansei Gakuin Univ.)

P028 Development of chemical reaction-involving luminescence system utilizing unique ring-opening reaction of cyclopropanes
Yasunori MATSUI (Osaka Pref. Univ.)

P029 Novel fluorescence domain “excited multimer” appearing in the crystal of organic boron complexes
Eisuke OHTA (Osaka Pref. Univ.)

P030 Collective effects in photo- and mechano-responsive multichromophoric assemblies and nanomaterials
Remi METIVIER (ENS Cachan)

P031 Direct observation of multiphoton emission enhancement from a single quantum dot using a silver-coated AFM tip
Sadahiro MASUO (Kwansei Gakuin Univ.)

P032 Cycloreversion reaction yields of diarylethene derivatives: correlation between the S_1 state and higher state excited by stepwise two-photon absorption
Hikaru SOTOME (Osaka Univ.)

P033 Dynamics in bio-nano-photonics materials: ultrafast and high resolution microscopy
Michel SLIWA (Lille Univ.)

P034 Design, construction and performance evaluation of bradbury-nielsen ion gates for multiply charged ion chemistry
Tomoyuki YATSUHASHI (Osaka City Univ.)

P035 Contemplating the discrete protein sub-domains: conformational fluctuation dynamics of Domain-I of human serum albumin and the startling temperature effect on confinement
Pratik SEN (Indian Inst. Tech. Kanpur)