

	July, 8th Sun	July, 9th Mon	July, 10th Tue	July, 11th Wed	July, 12th Thu	July, 13th Fri
9:00			I04 K. Cho	PL2 A. Leitenstorfer	I08 A. Ramsay	I12 V. Dierolf
15						
30		Opening	O14 K. Sakai		O36 T. Matsuda	O47 Y. Sasaki
45		PL1	O15 K. Murakoshi	O31 H. Itoh	O37 A. Malyshev	O48 T. Suemoto
10:00		C. Adachi	O16 K. Quang Le	O32 T. Hasegawa	O38 M. Gerhard	O49 H. Imada
15			O17 K. Ueno	Coffee break	Coffee break	Coffee break
30		Coffee break	Coffee break	I07 F. Langer	I09 A. Bakulin	I13 N. Naka
45		I01 M. Aßmann	O18 J. Lee	O33 Y. Yamada	O39 P. Petelenz	O50 H. Fujiwara
11:00		O01 M. Kurz	O19 T. Kameyama	O34 I. Scheblykin	O40 D. Ompong	O51 K. Iwamitsu
15		O02 M. Takahata	O20 T. Shoji	O35 T. Kobayashi	O41 G. Lakhwani	
30			O21 T. Narushima			Award Closing
45						
12:00		Lunch	Lunch	Lunch	Lunch	
15						
30						
45						
13:00						
15		I02 R. Shimano	I05 S. Iwai		I10 X. Xu	
30		O03 M. Ichimiya	O22 R. Ikeda		O42 T. Omatsu	
45		O04 M. Okano	O23 D. Zigmantas		O43 K. Sasaki	
14:00		O05 E. Cassette	O24 Y. Kawakami		O44 H. Okamoto	
15		O06 S. Garmon	O25 S. Vantasin			
30		Coffee break	Coffee break		Coffee break	
45		I03 J. Horng	I06 Y. Okada		I11 L. Oddershede	
15:00		O07 Y. Kayanuma	O26 V. Malyshev	Excursion/Free time	O45 K. Doi	
15		O08 S. Yamamoto	O27 S. Hiura		O46 M. Tamura	
30		O09 H. Ajiki	O28 O. Kojima			
45		O10 M. Uemoto	O29 H. Kim		SP Prize Award Ceremony	
16:00		Coffee break	O30 J. Yamanishi			
15	Registration	O11 J. Singh	Coffee break		Coffee break	
30		O12 M. Toma				
45		O13 I. Kassal				
17:00			Poster		Poster	
15						
30						
45						
18:00						
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19:00	Reception			Banquet		
15						
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20:00						
15						
30						
45						
21:00						

Plenary Talks

- PL1 Control of excitonic processes in donor-acceptor molecules aiming for high performance light emitting devices
Chihaya Adachi Kyushu University
- PL2 Spatio-temporal quantum physics of light and matter
Alfred Leitenstorfer University of Konstanz
- PL3 SP Prize Award Ceremony
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Invited Talks

- I01 Rydberg excitons in cuprous oxide
Marc Aßmann TU Dortmund
- I02 Exciton Mott transition: towards the understanding of phase diagram of e-h system
Ryo Shimano The University of Tokyo
- I03 Exciton physics in two-dimensional transition metal dichalcogenides
Jason Horng University of Michigan
- I04 Fundamentals of hierarchical electromagnetic response theories
Kikuo Cho Toyota Physical and Chemical Research Institute
- I05 Strong-light-field effect in an organic superconductor
Shinichiro Iwai Tohoku University
- I06 Quantum dot superlattice for application to high-efficiency photovoltaics
Yoshitaka Okada The University of Tokyo
- I07 Electron-hole collisions in an atomically thin semiconductor
Fabian Langer University of Regensburg
- I08 Lattices of exciton polariton condensates
Andrew Ramsay Hitachi Cambridge Lab
- I09 Exciton and charge dynamics in low-voltage-loss organic solar cells
Artem Bakulin Imperial College London
- I10 Tractor beam, lateral force, and beyond
Xiaohao Xu Jinan University
- I11 Optical control of strongly absorbing platinum nanoparticles and their use in photothermal therapy
Lene Oddershede University of Copenhagen
- I12 Excitation of europium ions in gallium nitride: mechanism, kinetics, and optimization
Volkmar Dierolf Lehigh University
- I13 Optical injection of valley-polarized electrons in group-IV semiconductors
Nobuko Naka Kyoto University
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Oral Presentations

- O01 Excitonic giant-dipole states in cuprous oxide
Markus Kurz University of Rostock
- O02 Excitonic response beyond the long-wavelength approximation in Cu₂O mesoscopic films
Mitsuyoshi Takahata Kyoto University
- O03 Ultrafast radiative decay due to coupling of multi-component excitons via radiation wave in ZnO thin films
Masayoshi Ichimiya The University of Shiga Prefecture
- O04 Observation of strain-induced anisotropic percolative conduction in rubber-filler composites by terahertz polarization spectroscopy
Makoto Okano Keio University
- O05 Ultrafast dynamics of excitons in colloidal semiconductor nanostructures studied by femtosecond pump probe spectroscopy
Elsa Cassette LIDYL (CEA-CNRS, Paris Saclay University)
- O06 Measuring non-exponential decay at the bound state in continuum
Savannah Garmon Osaka Prefecture University
- O07 Ultrafast quantum-path interferometry by phase-locked dual-pulse pumping in n-GaAs
Yosuke Kayanuma Tokyo Institute of Technology
- O08 Optical observation of fermionic partons in Kitaev spin balls
Shoji Yamamoto Hokkaido University
- O09 Biexciton radiative decay to surface exciton polariton
Hiroshi Ajiki Tokyo Denki University
- O10 Ab-initio large-scale computational approach for ultrafast dynamics in nano-structures
Mitsuharu Uemoto University of Tsukuba
- O11 Processes of intersystem and reverse intersystem crossings and thermally activated delayed fluorescence in organic light emitting diodes (OLEDs)
Jai Singh Charles Darwin University

- O12 Metal nanodome arrays for colorimetric plasmonic biosensor
Mana Toma Kwansei Gakuin University
- O13 Purple bacteria use coherence to harvest light more efficiently
Ivan Kassal The University of Sydney
- O14 Plasmonic nanogap resonances for multipole light-matter interactions
Kyosuke Sakai Hokkaido University
- O15 Molecule manipulation using localized surface plasmons at electrified interfaces
Kei Murakoshi Hokkaido University
- O16 Circularly polarized photoluminescence from dye molecules induced by chiral plasmonic nanostructures
Khai Quang Le Institute for Molecular Science
- O17 Near-field spectral properties of metal/insulator/metal nanostructures showing quadrupole plasmon mode
Kosei Ueno Hokkaido University
- O18 Self-written helical microfiber by optical vortex
Junhyung Lee Chiba University
- O19 Boosting electrocatalytic oxygen reduction reaction on octahedral Au@Pt nanoparticles by visible light irradiation
Tatsuya Kameyama Nagoya University
- O20 Trapping and micro-patterning of thermoresponsive polymer microgels by using plasmonic optical tweezers
Tatsuya Shoji Osaka City University
- O21 Circular dichroism microscopic study to analyze chiral materials
Tetsuya Narushima Institute for Molecular Science
- O22 Direct observation of valence fluctuation and valence transition of yttrium-doped SmS by ultrafast pump-probe spectroscopy
Ryohei Ikeda Osaka University
- O23 Coherent dynamics and electronic structure in porphyrin nanorings explored by 2D electronic spectroscopy
Donatas Zigmantas Lund University
- O24 Photoinduced charge-order melting triggered by 6 fs single-cycle infrared pulses in α -(BEDT-TTF)₂I₃
Yohei Kawakami Tohoku University
- O25 Directional-controlled plasmon launching by graphene nanoridges
Sanpon Vantasin The University of Tokyo
- O26 Nonlinear optical response of a 2D semiconductor quantum dot super-crystal: Emerging multistability, self-oscillations and chaos
Victor Malyshev University of Groningen
- O27 Persistent high spin polarization induced by interdot spin transfer among coupled excited states of InGaAs quantum dots
Satoshi Hiura Hokkaido University
- O28 Observation of electron transport in a silicon crystal using luminescence of cyanine molecule excited by energy transfer
Osamu Kojima Kobe University
- O29 Dipole-dipole optical coupling procedures in a single coupled quantum dot
HeeDae Kim Northeast Normal University
- O30 Spectroscopic imaging of quantum dots in photoinduced force microscopy
Junsuke Yamanishi Osaka University
- O31 Photoinduced domain structures of ferroelectric charge-ordering in organic conductors observed via terahertz emission microscopy
Hirotake Itoh Tohoku University
- O32 Excitation energy dependence of carrier-induced terahertz wave radiation in a GaAs epitaxial film
Takayuki Hasegawa University of Hyogo
- O33 Wannier-Mott excitons in CH₃NH₃PbX₃ lead halide perovskite single crystals: A magnetorefectance study
Yasuhiro Yamada Chiba University
- O34 Photoluminescence micro-spectroscopy and optical super-resolution to rationalize perovskite semiconductors
Ivan Scheblykin Lund University
- O35 New class of all-inorganic perovskite microplate for lasing
Takayoshi Kobayashi University of Electro-Communications
- O36 Ultrafast radiation mode surviving up to room temperature in photoluminescence spectrum
Takuya Matsuda Osaka Prefecture University
- O37 Intrinsic optical nonlinearity of a stand-alone artificial atom: optical bistability and hysteresis of a single semiconductor quantum dot
Andrey Malyshev Universidad Complutense
- O38 Microscopic insight into thermally activated non-radiative processes in perovskite nanocrystals
Marina Gerhard Lund University

- O39 Educated-guess design of putative singlet fission catalysts
Piotr Petelenz Jagiellonian University
- O40 Effect of hole transport layer on open-circuit voltage in perovskite solar cells
David Ompong Charles Darwin university
- O41 Edge effects create barrier to delocalisation in conjugated polymer aggregates
Girish Lakhwani The University of Sydney
- O42 Shrinkage of optical vortex for nano-manipulation
Takashige Omatsu Chiba University
- O43 Nano-space manipulation with designed optical and plasmonic fields
Keiji Sasaki Hokkaido University
- O44 Detection and control of chiral optical near-field interaction
Hiromi Okamoto Institute for Molecular Science
- O45 Langevin dynamics study of micro- and nanoparticles assembly by optical force fields near channel wall surface
Kentaro Doi Osaka University
- O46 Dynamics analysis of nanoparticles optically driven by a Laguerre-Gaussian beam with optical spin
Mamoru Tamura Osaka Prefecture University
- O47 Fabrication and optical properties of GaN:Eu-based microdisks
Yutaka Sasaki Osaka University
- O48 Ultrafast luminescence from platinum nano-dot, -wire and bulk
Tohru Suemoto Toyota Physical and Chemical Research Institute
- O49 Atomically-precise investigation of intermolecular energy transfer with scanning tunneling microscopy
Hiroshi Imada RIKEN
- O50 Selective manipulation of nano-diamonds using an optical tapered fiber
Hideki Fujiwara Hokkaido University
- O51 Bayesian spectroscopy with a replica exchange Monte Carlo method for study of a biaxial stress effect on excitons in a Cu₂O thin crystal
Kazunori Iwamitsu Kumamoto University
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Poster Session (10th)

- PO001 Control of optical gain band by excited state coupling in polymer thin film co-doped with organic dyes
Higase Yotaro Kyoto Institute of Technology
- PO002 TRESR and EDMR study of excitonic and photocarrier processes in vacuum vapor deposition film of weak charge transfer complex
Ken Kato Osaka City University
- PO003 Photo irradiation effects on third-order nonlinear optical properties in graphene oxide
Yuto Hosomi Konan University
- PO004 Charge carrier extraction properties and fill factor in bulk heterojunction organic solar cells
Douglas Yeboah Charles Darwin University
- PO005 Relative permittivity dependence of decay rates in thermally activated delayed fluorescence emitter solutions
Tomoya Ishii Osaka Prefecture University
- PO006 Photocarrier injection by two photon excitation in rubrene single crystal
Kenta Goto Wakayama University
- PO007 Excitation energy dependence for electron traps in CaTiO₃:Pr, Al single crystals
Yasushi Nanai Aoyama Gakuin University
- PO008 Ultrafast photo control of proton-mediated organic ferroelectric systems
Tsugumi Umanodan Tokyo Institute of Technology
- PO009 Spatiotemporal carrier dynamics modified by inhomogeneous potential in a semiconductor nanostructure
Yusuke Hayakawa University of Yamanashi
- PO010 Time-frequency resolved high-harmonic generation in terms of complex spectral analysis of Floquet Hamiltonian
Hidemasa Yamane Osaka Prefecture University
- PO011 Photoexcited carrier dynamics in intrinsic diamond by ultraviolet pump-terahertz probe spectroscopy
Tomoaki Ichii Kyoto University
- PO012 Effects of modulation of ultrafast transient carrier dynamics by interface on terahertz signal
Shintaro Yamamoto Kobe University
- PO013 3-Aminopropyltriethoxysilane (APTES) immobilization on Si (111) substrates studied by sum frequency generation
Lin Liang Japan Advanced Institute of Science and Technology
- PO014 Fano absorption spectrum by transition to resonance state with complex eigenvalue
Kenichi Noba Osaka Prefecture University
- PO015 Anisotropic dynamics of nanoparticles in clusters at a solid-liquid interface by laser trapping
Itsuo Hanasaki Tokyo University of Agriculture and Technology

- PO016 Chemically-modified graphene on Au(111) for proton-gating electrode
Tomohiro Fukushima Hokkaido University
- PO017 Quantitative analyses of light-induced assembly dynamics
Yasuyuki Yamamoto Osaka Prefecture University
- PO018 Acceleration of thermoresponsive phase separation for poly(N-isopropylacrylamide) copolymerized with hydrophilic comonomer
Moe Kitaba Osaka City University
- PO019 Dynamics of the electric-field induced magnetization in antiferromagnetic chromium oxide observed by Faraday rotation
Ryo Hikita Kobe University
- PO020 Photo-induced deformation of surface relief in layered ternary thallium compounds
Ryosuke Itakura Osaka Prefecture University
- PO021 Multi-color fluorescence photoswitching based on a giant fluorescence quenching in fluorescent photochromic nanoparticles
Tsuyoshi Fukaminato Kumamoto University
- PO022 Modulated photovoltage and photocurrent spectroscopies for the characterization of charge transport process in organic photovoltaics
Hiroki Nojima Osaka Prefecture University
- PO023 Excitonic relaxation and coherent vibration in an artificial photosynthetic antenna for solar energy application
Takayoshi Kobayashi University of Electro-Communications
- PO024 Flat band potential of graphene plasmonic photoelectric conversion system
Shinya Suzuki Hokkaido University
- PO025 Modulus analysis for the study of carrier transport in organic photovoltaics
Tatsuya Nunobiki Osaka Prefecture University
- PO026 Influence of recombination of charge carriers in Urbach's tail states on their mobility in bulk heterojunction organic solar cells
Hooman Mehdizadeh Rad Charles Darwin University
- PO027 Time-resolved measurement of photocarrier generation in $\text{CH}_3\text{NH}_3\text{PbI}_3$ single crystals
Ikuko Akimoto Wakayama University
- PO028 Inverted organic-light emitting diodes using low-molecular-weight electron injection materials with different classes of amines
Takahiro Mayumi Osaka Prefecture University
- PO029 Generation processes of superfluorescence of biexcitons in CuCl quantum dots by one- and two-photon resonant excitation
Kohei Kawamura Tokyo University of Science
- PO030 Stimulated Raman scattering in anatase TiO_2
Masayuki Watanabe Kyoto University
- PO031 Fast optical control of Mn ion spins by spin-aligned high-density exciton magnetic polarons in $\text{Cd}_{0.8}\text{Mn}_{0.2}\text{Te}$
Atsushi Hashimoto Tokyo University of Science
- PO032 Ultraviolet absorption by boron-bound excitons in diamond
Yoshiki Kubo Kyoto University
- PO033 Single shot measurement of superfluorescent spectra of biexcitons in CuCl quantum dots
Kensuke Miyajima Tokyo University of Science
- PO034 Observation of optical Stark effect between 1s-2p exciton levels in CuCl single crystal
Satoru Efumi Tokyo University of Science
- PO035 Two routes of optical carrier injection in high-purity diamond
Sayaka Hamabata Wakayama University
- PO036 Evaluation of the exciton effective mass in intrinsic diamond
Kazuki Konishi Kyoto University
- PO037 Temperature dependence of photoluminescence properties of water-soluble ZnSe quantum dots
Yong-Shin Lee Osaka City University
- PO038 Emission characteristics for a single CdSe quantum dot on an optical nanofiber at cryogenic temperatures
Muhammed Shafi University of Electro-Communications
- PO039 Temperature dependence of photoluminescence dynamics of exciton-exciton inelastic scattering in a GaAs/AlAs multiple-quantum-well structure
Yuichiro Miyazaki Osaka City University
- PO040 Preparation of ZnSe-ZnS alloy quantum dots by a hydrothermal method and their optical properties
Hisaki Nishimura Osaka City University
- PO041 Absorption and photoluminescence properties of CdSe quantum dots prepared by a hydrothermal method
Taegi Lee Osaka City University

- PO042 Dielectric function spectra of mono-layered CdTe-nanoparticles
Naoki Inoue Osaka Prefecture University
- PO043 Temperature dependence of photoluminescence properties of water-soluble CdS quantum dots
Kunio Shimura Osaka City University
- PO044 Influence of vertical interdot coupling on energy-dependent modal gain of InGaAs quantum dots
Akihisa Ohtake Hokkaido University
- PO045 Preparation and optical properties of ZnS-CuInS₂ quantum dots
Yota Uehigashi Osaka City University
- PO046 Radiation induced renormalization of excitonic luminescence spectra of rare-gas solids
Alexander Ogurtsov National Technical University "Kharkiv Polytechnic Institute"
- PO047 THz pulse induced polarization reversal and neutral-ionic phase transition in TTF-CA
Akira Takahashi Nagoya Institute of Technology
- PO048 Photoluminescence polarization characteristics of self-trapped excitons in an undoped β -Ga₂O₃ single crystal
Suguru Yamaoka Osaka City University
- PO049 6 fs infrared spectroscopy in a Mott insulator V₂O₃
Tatsuya Amano Tohoku University
- PO050 Laser cooling in Yb-doped Y₃Al₅O₁₂ using anti-Stokes luminescence
Yuta Nakayama Kobe University
- PO051 Off-resonant-light-induced quantum phase transition and ultrafast polarization control in BEDT-TTF salts
Shu Ohmura Nagoya Institute of Technology
- PO052 Energy relaxation from STE to In⁺ centers in NaI:In⁺ crystals
Shota Watanabe Osaka Prefecture University
- PO053 Single-molecule investigation of a triplet exciton formation with a scanning tunneling microscope
Kensuke Kimura RIKEN
- PO054 Nonlinear polarization optical response to entangled state of biexciton
Takahiro Tsuji Osaka Prefecture University
- PO055 Temperature dependence of polarization entanglement generated from biexciton
Shouhei Sakuma University of Electro-Communications
- PO056 Optical trapping of sub-micro particles in superfluid helium
Xi Geng Osaka University
- PO057 Plasmonic trapping and deposition of nanoparticles in the nano-gap of a gold antenna
Christophe Pin Hokkaido University
- PO058 Controlling response of Landau-quantized electron by optical angular momentum
Hirohisa Takahashi Open University of Japan
- PO059 Ordered structure formation of microparticles using optical force fields near channel wall in liquid
Fumika Nito Osaka University
- PO060 Heterostructured quantum dots composed of ZnS-AgInS₂ solid solution and their tunable photochemical properties
Tsukasa Torimoto Nagoya University
- PO061 Generation of a localized optical vortex in a metallic nano-complex
Masayuki Hoshina Osaka Prefecture University
- PO062 Switching of radiation pressure by T-type photochromic reactions: correlation between thermal back-reaction rate and micro-motion dynamics
Keishi Tanaka Osaka University
- PO063 Formation of a single poly(N,N-diethylacrylamide) micro-droplet in water by coupling of photothermal effects and an optical force
Mitsuhiro Matsumoto Osaka City University
- PO064 Theoretical modeling of the optical trapping for nanoparticles forming two-dimensional lattice beyond the size of laser spot
Tomohiro Yokoyama Osaka University
- PO065 Optical trapping of nanoparticles with non-resonant and resonant laser beams
Tatsunori Kishimoto National Institute of Advanced Industrial Science and Technology and Kwansai Gakuin University
- PO066 Strong coupling formation in organic crystal microcavities
Takumi Nishimura Kyoto Institute of Technology
- PO067 Formation of cavity polariton in organic electroluminescence devices with thiophene/phenylene co-oligomer derivatives
Shohei Dokiya Nara Institute of Science and Technology
- PO068 Two-photon fluorescence microscopy of labeled nanoparticles with the silver plasmonic chip
Yuki Omura Kwansai Gakuin University
- PO069 Exciton polaritons in organic molecular crystals
Girish Lakhwani The University of Sydney

- PO070 Observation of ultrastrong coupling in metal microcavities containing Lemke dye
Makoto Suzuki Kagawa University
- PO071 Real-time control of localized surface plasmon modes via electrochemical fine-tuning of Au nanodimers in sub-nm scale
Shumpei Oikawa Hokkaido University
- PO072 Ultrafast relaxation dynamics of room-temperature organic microcavity polaritons
Hideyuki Mizuno Nara Institute of Science and Technology
- PO073 Development of self-assembled plasmonic substrate with bowl cavities toward the light-induced assembly
Kenshi Yamada Osaka Prefecture University
- PO074 Control of light confinement effect of two dimensional Au lattice structure via electrochemical method
Takahiro Hayashi Hokkaido University
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- Poster Session (12th)
- PO075 Coherent phonon generation with intense MIR irradiation
Kento Uchida Kyoto University
- PO076 Dielectric screening effect on exciton resonance energy in monolayer WS₂
Yuto Kajino Chiba university
- PO077 Raman imaging studies on perforated MoS₂ films prepared by RF sputtering method
Noriyuki Hasuie Kyoto Institute of Technology
- PO078 Potential effect in Balmer light emission near surface irradiated with highly charged ions
Naofumi Nishida Kobe University
- PO079 Temperature dependence of the recombination luminescence of few-layer molybdenum disulfide
Chihiro Itoh Wakayama University
- PO080 Observation of carrier cascade process via an intermediate band in multi-stacked InGaAs quantum dots
Keishiro Goshima Aichi Institute of Technology
- PO081 Optical trapping in a nano-structured surface of a semiconductor
Shuhei Ogita Osaka City University
- PO082 Non-destructive dispersion of quantum dots into gases
Mitsutaka Kumakura University of Fukui
- PO083 Optical trapping behaviors by NASSCA optical tweezers with a nano-needle silicon or metal substrate
Yuki Uenobo Osaka City University
- PO084 Computational study of nanoparticle trapping and releasing in optical force fields near channel wall with thermal fluctuations
Ryo Nagura Osaka University
- PO085 Efficient optical trapping of noble metallic and semiconductor nanoparticles at a hexane-water Interface
Daiki Yamanishi Osaka City University
- PO086 Proposed scheme of realization of artificial nano-heterostructures by optical force under double resonance
Yuto Yamada Osaka University
- PO087 Novel optical torque generated on plasmonic dark mode in metal nanostructure
Ryoma Fukuhara University of Tokyo
- PO088 Plasmonic optical trapping of pyrene-pendant polymer chains by controlling thermophoretic force
Kenta Ushiro Osaka City University
- PO089 Wide-range-tunable photoluminescence of ZnTe-AgInTe₂ nanocrystals by control of chemical composition
Tatsuya Kameyama Nagoya University
- PO090 Wavelength-controlled assembly formation of polystyrene nanospheres on black silicon using NASSCA optical tweezers
Sawa Komoto Osaka City University
- PO091 Near-field spectral properties of plasmonic nanostructures explored by plasmon-induced optical trapping
Ryota Tatsumi Hokkaido University
- PO092 Micro-analysis of a single droplet of a smart polymer using Raman microscope with an optical tweezer
Kayo Fujiwara Osaka City University
- PO093 Detection of optical force due to multiphoton absorption
Shinya Nakamura Osaka University
- PO094 Selective optical trapping of dye-doped polystyrene nanospheres based on a resonant excitation effect
Takashi Matsui Osaka City University
- PO095 Control of molecular Brownian motions via localized surface plasmon resonance under electrochemical potential control
Nobuaki Oyamada Hokkaido University
- PO096 Proposed selective optical transport of nanoparticles using counter-propagating waves
Takudo Wada Osaka Prefecture University
- PO097 Optical trapping of quantum dot-conjugated AMPA-type glutamate receptors on neurons cultured on a plasmonic chip
Yuki Matsubayashi National Institute of Advanced Industrial Science and Technology

- PO098 Size-dependent trapping behaviors of polystyrene nanoparticles by NASSCA optical tweezers
Tatsuya Nagai Osaka City University
- PO099 Is vibrational coherence a by-product of singlet exciton fission?
Tomasz Skóra Jagiellonian University
- PO100 Photoluminescence spectral blueshift due to triplet-triplet annihilation in a thermally activated delayed fluorescence emitter
Takashi Kobayashi Osaka Prefecture University
- PO101 Anti-Stokes fluorescence from chlorophyll a
Hidetoshi Emura Osaka City University
- PO102 Pump-probe study of β' -(BEDT-TTF)(TCNQ) crystal near antiferromagnetic transition
Hirofumi Mino Chiba University
- PO103 Evidence of contribution of a higher triplet excited state to photoluminescence dynamics in TADF emitters
Daisuke Kawate Osaka Prefecture University
- PO104 Transient grating spectroscopy of beta-carotene pumped with spectrally chirped pulses
Sighito Mitoma Osaka City University
- PO105 Porphyrin-based surface-anchored metal-organic frameworks: photophysics in pristine and photoreacted samples
Michael Adams Karlsruhe Institute of Technology
- PO106 Raman Scattering mediated by Majorana fermions in Kitaev nanoribbons
Kosuke Suzuki Hokkaido University
- PO107 Tridirectional polarization steering of light by a single triangular plasmonic nanoparticle
Yoshito Tanaka University of Tokyo
- PO108 Anomalous Hanle curves induced by in-plane nuclear field in single self-assembled InAlAs and InAs nanostructures
Sota Yamamoto Hokkaido University
- PO109 Photocurrent characteristics of nanostructured thin films consisting of surface-modified silicon nanoparticles
Ryu-ichi Yoshikado University of Hyogo
- PO110 Temperature-dependent spin dynamics in InGaAs/GaAs dots-in-well structure
Mizuki Takishita Hokkaido University
- PO111 The local structure around nitrogen in N-doped titanium dioxide
Haruka Funabiki Yokohama National University
- PO112 Photoabsorption spectral linewidth narrowing near an exceptional point with coalescing resonance states
Kazuki Kanki Osaka Prefecture University
- PO113 Semiconductor quantum dots fabricated via laser ablation in superfluid helium
Yosuke Minowa Osaka University
- PO114 Full-quantum theory of superfluorescence and laser
Riku Sezaki University of Yamanashi
- PO115 High-temperature carrier dynamics responsible for a non-radiative process in InGaN nanodisks fabricated by top-down nanotechnology
Yafeng Chen Hokkaido University
- PO116 Q-factor dependence of angle-resolved transmission spectra in CuCl microcavities
Taiju Yokoyama Osaka Prefecture University
- PO117 Visualization of chiral optical fields in chiral metal nanostructures
Shun Hashiyada Institute for Molecular Science
- PO118 Enhancement of single molecule electroluminescence by controlling excitation and deexcitation pathways
Miyabi Imai-Imada University of Tokyo
- PO119 Synthesis and optical properties of quantum-dot chains linked by DNA
Masaru Oda Kyushu Institute of Technology
- PO120 Effects of electrical field on circularly polarized photoluminescence in InGaAs-based coupled nanostructures of quantum dots and a well
Hang Chen Hokkaido University
- PO121 Coherent control of light harvesting efficiencies
Stefano Tomasi University of Sydney
- PO122 Determination of bimolecular recombination constants in organic light-emitting diodes and photovoltaics
Makoto Takada Osaka Prefecture University
- PO123 Electronic structures of inverse opal and nanoparticulate TiO₂ electrodes
Taro Toyoda University of Electro-Communications
- PO124 Plasmon-assisted hydrogen evolution reactions under visible light illumination
Hiro Minamimoto Hokkaido University
- PO125 Improvement of power conversion efficiency of thick inverted organic photovoltaics after aging
Yo Kumoda Osaka Prefecture University

- PO126 Bi³⁺ heterovalent doping in APbBr₃ lead halide perovskite single crystals: Urbach tail and photon recycling effect
Mizuki Hoyano Chiba University
- PO127 Chemically and optically controlled charge extraction from δ -FaPbI₃ in mixed halide perovskites
Kestutis Budzinauskas University of Cologne
- PO128 Photo-induced changes of optical constants in TlInS₂
YongGu Shim Osaka Prefecture University
- PO129 Observation of change in glucan structure of growing rice seeds by confocal sum frequency microscopy and spectroscopy
Akira Matsubara Japan Advanced Institute of Science and Technology
- PO130 Time-scale dependent Brownian motion of nanoparticles in clusters at a solid-liquid interface by laser trapping
Itsuo Hanasaki Tokyo University of Agriculture and Technology
- PO131 Optical vortex-induced magnetic spin modulation
Yutaro Goto Osaka Prefecture University
- PO132 Dynamics of the electric-field induced magnetization in YIG observed by Faraday rotation
Keisuke Fujimoto Kobe University
- PO133 Electron-spin texture induced by an optical vortex beam
Nobuhiko Yokoshi Osaka Prefecture University
- PO134 Simple evaluation method for effective mass of split-off hole in GaAs using photoreflectance spectroscopy
Hideo Takeuchi Osaka City University
- PO135 Reversible fluorescence photoswitching based on the cooperative photoorientation in a dye-doped liquid crystalline polymer
Tsuyoshi Fukaminato Kumamoto University
- PO136 Optical selection rule of monolayer transition metal dichalcogenide by an optical vortex
Shoudai Ishii Osaka Prefecture University
- PO137 Optical characterization of MoS₂ sputtered thin films
Kenji Kisoda Wakayama University
- PO138 Real-time analysis of correlation between quantum particles coupled to a surface plasmon mode
Hotaka Hisamune Osaka Prefecture University
- PO139 Ultrafast spatio-temporal control of light waves by use of a chirped pulse pair
Kohei Iwasa Hokkaido University
- PO140 Photocurrent behavior in polycrystalline film of pentacene-radical derivative
Yoshio Teki Osaka City University
- PO141 Electrical sensing of DNA accelerated by light-induced assembling of metallic nanoparticles
Karuna Ohashi Osaka Prefecture University
- PO142 Mechanism of photo-stimulation into neuronal cells by a focused femtosecond laser
Yuji Fujioka National Institute of Advanced Industrial Science and Technology
- PO143 Complex-angle analysis of electromagnetic waves on interfaces
Daigo Oue Osaka University
- PO144 Second harmonic generation from complimentary triangular Au metamaterials
Yusuf Habibullah Tohoku University
- PO145 Anomalous light propagation in two-dimensional cylindrical structures with dielectric tensor having real part in off-diagonal elements
Tomoki Matsuura Osaka Prefecture University
- PO146 Characterization of inner structure and optical properties of semiconductor microspheres
Akihiro Tatamoto Osaka university
- PO147 Picosecond optical vortex pulses create chiral surface relief in azo-polymer film
Keigo Masuda Chiba university