

Oral Session

Keynote/Invited	Presentation NO	Presentation date	Time to start	Time to finish	Account: First name	Account: Middle name	Account: FAMILY NAME	Account: Affiliation	Abstract title
Chairpersons: F. Minami and K. Asakawa									
Keynote	B-9-K24-001	24 Sep.	10:30	10:55	Jiangeng		XUE	University of Florida	Organic-Inorganic Hybrid Electronic Materials for Photovoltaic Applications
Invited	B-9-I24-002	24 Sep.	10:55	11:15	Yoshitaka		OKADA	University of Tokyo	High-Efficiency Quantum Dot Intermediate-Band Solar Cells
	B-9-O24-003	24 Sep.	11:15	11:30	Weijie		DU	Institute of applied physics	Improved Photoresponsivity of BaSi2 Epitaxial Films Grown on a Tunnel Junction for Photovoltaic Applications
	B-9-O24-004	24 Sep.	11:30	11:45	KIRANKUMAR	RATILAL	SURATI	Department of Chemistry, Sardar Patel University	Highly efficient Phosphorescent Iridium (III) and Zn(II) Mixed Ligand Complexes for OLEDs Application
	B-9-O24-005	24 Sep.	11:45	12:00	Sudeshna		RAY	Tohoku University,	Impact of NH3 on the formation of single crystalline Hexagonal prism-like Y2O3:Eu3+ phosphor synthesized by a facile hydrothermal method
	B-9-O24-006	24 Sep.	12:00	12:15	Minoru		FUJII	Kobe University	Upconversion luminescence of Er and Yb co-doped NaYF4 nanoparticles with metal shells
	B-9-O24-007	24 Sep.	12:15	12:30	XIANJIA		LUO	University of Tsukuba	Upconversion properties of NaYF4:Er3+ with 1710 nm excitation
Lunch 24 Sep. 12:30 13:30									
Chairpersons: T. Teranishi and A. Kabashin									
Invited	B-9-I24-008	24 Sep.	13:30	13:50	Hiroaki		MISAWA	Hokkaido University	Plasmon-Assisted Photocurrent Generation Systems
	B-9-O24-009	24 Sep.	13:50	14:05	Tetsu		TATSUMA	University of Tokyo	Metal Cluster-Sensitized Photocurrents Enhanced by Plasmonic Metal Nanoparticles
	B-9-O24-010	24 Sep.	14:05	14:20	Minoru		FUJII	Kobe University	Enhancement of upconversion luminescence of Al2O3: Er3+, Yb3+ thin films by small assemblies of Au nanorods
	B-9-O24-011	24 Sep.	14:20	14:35	Takao		OCHIAI	National Institute for Materials Science (NIMS)	Near-field multi-photon induced photoluminescence imaging of Au nanopartilces-array with well-regulated gap
	B-9-O24-012	24 Sep.	14:35	14:50	Tsukasa		TORIMOTO	Nagoya University	Plasmon-enhanced Photocatalytic Hydrogen Evolution Using CdS Nanoparticles Immobilized on SiO2-coated Au Particles
Coffee Break 24 Sep. 14:50 15:15									
Chairpersons: S. Hayashi and H. Miyazaki									
Keynote	B-9-K24-013	24 Sep.	15:15	15:40	F.		Minami	Tokyo Institute of Technology, Japan	Nano-Structures Probed by Tip-Enhanced Raman Scattering
Invited	B-9-I24-014	24 Sep.	15:40	16:00	Yoshihiko		KANEMITSU	Kyoto University	Optical Responses of Group IV Semiconductor Nanostructures
	B-9-O24-015	24 Sep.	16:00	16:15	ARTURO		RODRIGUEZ	IIM-UNAM	Study of the chemical composition and internal structure of silicon quantum dots embedded in silicon nitride thin films grown by RPECVD
	B-9-O24-016	24 Sep.	16:15	16:30	Syoji		ITO	Osaka University	Localized Photochemical Reaction by Simultaneous Irradiation with UV and NIR Lasers
	B-9-O24-017	24 Sep.	16:30	16:45	Hironori		ITO	University of Tsukuba	Optical excitation energy dependence of high resolution mapping of quantum Hall edge states
	B-9-O24-018	24 Sep.	16:45	17:00	Yoshiaki		KANAMORI	Tohoku University	A numerical study of hybrid plasmonic-dielectric subwavelength gratings for wavelength-selective filters
	B-9-O24-019	24 Sep.	17:00	17:15	Bongseok		CHOI	National Institute for Materials Science	Plasmonic Metasurfaces for Photoluminescence Enhancement at 1.5 um Wavelength
	B-9-O24-020	24 Sep.	17:15	17:30	Tomoya		SATO	Tohoku University	Surface Electromagnetic Waves of Chiral Metamaterials Interfaces
	B-9-O24-021	24 Sep.	17:30	17:45	Kali	Prasanna	NAYAK	University of Electro-Communications	Nano-Structured Optical Nanofiber: A Novel Workbench For Cavity-QED
	B-9-O24-022	24 Sep.	17:45	18:00	Ramachandrarao		YALLA	Center for Photonic Innovations	Fluorescence Photon Measurements from Single Quantum Dots on an Optical Nanofiber
Chairpersons: T. Baba and K. Asakawa									
Keynote	B-9-K25-001	25 Sep.	10:30	10:55	S.		WALAVALKAR	California Institute of Technology	Applied Physics Department
Invited	B-9-I25-002	25 Sep.	10:55	11:15	Masaya		NOTOMI	NTT Basic Research Laboratories	Photonic crystals (tentative)
	B-9-O25-003	25 Sep.	11:15	11:30	Ryo		HAYAKAWA	Yokohama National University	Two-Photon Absorption Photodiode using pn-Junction Photonic Crystal Slow-Light Waveguide and Its Application to Optical Correlator
	B-9-O25-004	25 Sep.	11:30	11:45	Norihiro		ISHIKURA	Yokohama National University	Tunable Delay and Tunable Dispersion in Photonic Crystal Slow-Light Device with Multi-Heaters Fabricated by CMOS-Compatible Process
	B-9-O25-005	25 Sep.	11:45	12:00	Keisuke		KONDO	Yokohama National Univ.	Nonlinear-induced Ultrafast Slow-Light Tuning in Photonic Crystal Waveguide
	B-9-O25-006	25 Sep.	12:00	12:15	Keita		HIIDOME	University of Fukui	Annealing Behavior of Optical Transmission Loss of Amorphous Si Wire Waveguides for Silicon Photonics
	B-9-O25-007	25 Sep.	12:15	12:30	Munehiro		TOYAMA	National institute of Advanced Industrial Science and Technology, AIST	ArF-Immersion Lithography demonstrates the Critical Dimension and Line Edge Roughness Control for Large-Scaled Silicon Photonic Integrated Circuit
Lunch 25 Sep. 12:30 13:30									
Chairpersons: A. Scherer and M. Notomi									
Invited	B-9-I25-008	25 Sep.	13:30	13:50	Toshihiko		BABA	Yokohama National University	Photonic Crystals in Silicon Photonics and Bio-Sensing
	B-9-O25-009	25 Sep.	13:50	14:05	Hiroshi		ABE	Yokohama National University	Array Integration of 441 Photonic Crystal Nanolasers for Live Cell Imaging
	B-9-O25-010	25 Sep.	14:05	14:20	Shoji		HACHUDA	Yokohama National University	Selective Detection of Streptavidin in Impure Sample Using Nano Slot Photonic Crystal Nanolaser
	B-9-O25-011	25 Sep.	14:20	14:35	Michimasa		NARIMATSU	Yokohama National University, Graduate School of Engineering	Greatly Enhanced Vertical Emission in Photonic Crystal Nanolasers M. Narimatsu*
	B-9-O25-012	25 Sep.	14:35	14:50	Kazuhiro		IKEDA	Nara Institute of Science and Technology	Plasmonic Nanolasers with Metallic Nanowires
Coffee Break 25 Sep. 14:50 15:15									
Chairpersons: J. Xue and Y. Kanamori									
Keynote	B-9-K25-013	25 Sep.	15:15	15:40	Andrei	V.	KABASHIN	Aix-Marseille University	Plasmonic nano-bio-sensing
Invited	B-9-I25-014	25 Sep.	15:40	16:00	Toshiharu		TERANISHI	Kyoto University	Nanoplasmonics in Inorganic Nanoparticles
	B-9-O25-015	25 Sep.	16:00	16:15	Yung-Jung		HSU	National Chiao Tung University	Seed-Mediated Growth of Au Nanoplates and Their Prominent SERS Activities
	B-9-O25-016	25 Sep.	16:15	16:30	Kei		MURAKOSHI	Hokkaido University	Depolarized Surface-Enhanced Raman Scattering Photons from Molecules at Metal Nanogap
	B-9-O25-017	25 Sep.	16:30	16:45	Chung	Vu	HOANG	National Institute for Materials Science	Plasmonics sensor for environmental monitoring: detection of mercury in environmental water
	B-9-O25-018	25 Sep.	16:45	17:00	Tomokatsu		HAYAKAWA	Nagoya Institute of Technology	Wavelength-Control of Localized Surface Plasmon Resonance of Gold Nanoparticles in Polydimethylsiloxane
	B-9-O25-019	25 Sep.	17:00	17:15	Kohei		IMURA	Waseda University, JST Presto	Plasmonic optical field imaging of single gold nanostructures by near-field optical microscope
	B-9-O25-020	25 Sep.	17:15	17:30	Shinji		HAYASHI	Graduate School of Engineering, Kobe University	Strong Exciton-Surface Plasmon Coupling in Metal-Insulator-Metal Microcavities
	B-9-O25-021	25 Sep.	17:30	17:45	Shinji		HAYASHI	Graduate School of Engineering, Kobe University	Excitation of Hybridized Surface Plasmon Polaritons by s-polarized Light

Poster

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B-9-P24-001	24 Sep.	18:00	20:00	Takehiro		NAZUKA	University of Tsukuba	FORMATION OF Cu2Se IN Cu(In,Ga)Se2
B-9-P24-002	24 Sep.	18:00	20:00	Keiichiro		KOMATSU	University of Tsukuba	Energy level alignment of C60/bathocuproine/Ca structure in organic solar cells
B-9-P24-003	24 Sep.	18:00	20:00	Yasushi		SATO	Tohoku University	Photoluminescence of rare-earth doped complex perovskite oxides
B-9-P24-004	24 Sep.	18:00	20:00	liao		ZHANG	Univ. of Tsukuba	Homogeneous linewidth of the nitrogen impurity single photon source in GaAs
B-9-P24-005	24 Sep.	18:00	20:00	Hiroyuki		YOSHIDA	Osaka University	Uniform homeotropic alignment of liquid crystals on metallic nanohole arrays by vapor-phase deposition of a fluorosilane monolayer
B-9-P24-006	24 Sep.	18:00	20:00	Yasuhiro		OGAWA	Osaka University	Fluorescence Enhancement Caused by Plasmonic Band Gap Effect on Metallic Grating Structure
B-9-P24-007	24 Sep.	18:00	20:00	Takashi		TOKIZAKI	National Institute for Advanced Industrial Science and Technology	Transmission Near-Field Optical Microscopy with White Laser Source
B-9-P24-008	24 Sep.	18:00	20:00	Tomoo		SIGEHUZI	National Institute of Advanced Industrial Science and Technology	Dual-probe Scanning Near-field Optical Microscopy
B-9-P24-009	24 Sep.	18:00	20:00	Tadashi		ITO	Toyota R&D Labs. Inc.	Antenna-Coupled Al/Al2O3/Ni Tunneling Diodes for Infrared detection
B-9-P24-010	24 Sep.	18:00	20:00	Makoto		OHKADO	Toyota Central R&D Labs. Inc.	Structural Optimization of Metallic Infrared Filter using Extraordinary Optical Transmission Phenomenon
B-9-P24-011	24 Sep.	18:00	20:00	Ryohei		HOKARI	Tohoku University	A Study of MEMS Tunable Metamaterial at Optical Frequencies by Numerical Calculations
B-9-P24-012	24 Sep.	18:00	20:00	Hisaya		ODA	Chitose Institute of Science and Technology	Broad-band optical wavelength conversion by four-wave mixing in W3 type AlGaAs photonic-crystal waveguide
B-9-P24-013	24 Sep.	18:00	20:00	Akio		MIZUTANI	Osaka Prefecture University	Subwavelength grating with tapered polygon holes for efficient vertical light coupling of TE polarized light
B-9-P24-014	24 Sep.	18:00	20:00	Yoshiaki		NISHIJIMA	Yokohama National University	Long-range interaction of localized surface plasmon resonances in periodic and random patterns of gold nano-disks
B-9-P24-015	24 Sep.	18:00	20:00	Kenichi		KASAHARA	Ritsumeikan University	Spectra of Surface Plasmon Enhanced Light Emission in Small Molecule Based Organic Materials
B-9-P24-016	24 Sep.	18:00	20:00	Rodrigo		SATO	University of Tsukuba	Dispersion of the Third Order Susceptibility of Ag Nanoparticles with different sizes
B-9-P24-017	24 Sep.	18:00	20:00	Andrew		KAY	Industrial Research Ltd.	Enhanced Electro-Optic Response and Photostability in Zwitterionic Organic Nonlinear Optical Polymer Films