

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: (Y.Masuda@AIST, T.Okada@Shinshu Univ.)									
	D-10-O24-001	24 Sep.	10:30	10:45	Marcus	D.	LAY	University of Georgia	Batch Enrichment in High Aspect Ratio Single-Walled Carbon Nanotubes and Reduction of Resistance in Suspension-Cast 2-D Networks
	D-10-O24-002	24 Sep.	10:45	11:00	Yoko		TAKEYAMA	Tokyo Institute of Technology	Ionic liquid-mediated epitaxy of C60 crystallites in vacuum
	D-10-O24-003	24 Sep.	11:00	11:15	Zhenquan		TAN	Osaka University	Synthesis of High Viscoelastic Carbon Nanotubes-doped Organic Supramolecular Hydrogel
	D-10-O24-004	24 Sep.	11:15	11:30	Chih-Chieh		CHIEN	National Cheng Kung University	Fabrication and Characterization of Imprinted Photonic Crystalline Polymer Network via UV-Polymerization
	D-10-O24-006	24 Sep.	11:45	12:00	Ying Jung		CHIANG	National Taipei University of Technology	Microstructures and electrical resistivities of silver films prepared from metallic-organic silver decomposition silver pastes with multi-walled carbon nanotubes
Lunch 24 Sep. 12:00 13:30									
Chairpersons: (H.Abe@Osaka Univ., Y.Moriya@Univ.Tokyo)									
Invited	D-10-I24-007	24 Sep.	13:30	13:50	Nobuhiro		MATSUSHITA	Tokyo Institute of Technology	"Nano-grass" and "Nano-bricks" of Titanium Oxides Layers Fabricated by Combination of Hydrothermal and Anodization Treatments
	D-10-O24-008	24 Sep.	13:50	14:05	Karol		MISZTA	Italian Institute of Technology	Cation Exchange Reactions in Branched Nanotubes
Invited	D-10-I24-009	24 Sep.	14:05	14:25	Rongming		WANG	Beijing University of Aeronautics and Astronautics	Quantitative Electron Microscopy Investigations on Typical Nanostructures
	D-10-O24-010	24 Sep.	14:25	14:40	Mohamed	Salah ElDin	ELNOUBY	Joining and Welding Research Institute, Osaka University	Synthesis and Characterization of Tungsten Oxide nanoparticles Using Ion Exchange Resin
Invited	D-10-I24-011	24 Sep.	14:40	15:00	Masahiro		YOSHIMURA	National Cheng Kung University	Soft Processing of Advanced Ceramic Materials for Various Applications: Beyond the Synthesis of Nano-Materials
Coffee Break 24 Sep. 15:00 15:15									
Chairpersons: (N.Matsushita@Tokyo Inst.Tech., D.Lay@Univ.Georgia)									
	D-10-O24-012	24 Sep.	15:15	15:30	Balla Diop		NGOM	Laboratoire de Photonique et Nano-Fabrication	Oriented ZnO nanorods based liquid droplets photoinduced tunable lensing
Invited	D-10-I24-013	24 Sep.	15:30	15:50	Yanfeng		GAO	Chinese Academy of Sciences	Temperature-responsive VO2 Glass Coatings: Synthesis, Properties and Application
Invited	D-10-O24-014	24 Sep.	15:50	16:05	Hajime		WAGATA	Shinshu University	Transparent Conductive ZnO Films Prepared by Spin-Spray Method and Subsequent UV Treatment
Invited	D-10-I24-015	24 Sep.	16:05	16:25	Sea-Fue		WANG	National Taipei University of Technology	New Die Attach Application Silver Paste and Fine Line Aerosol Jet Printing Silver Ink Using Metallo-Organic Silver Salt Technology
Chairpersons: (S.Ohara@Osaka Univ., Y.Gao@CAS)									
Invited	D-10-I24-016	24 Sep.	16:30	16:50	Hong-Ming		LIN	Tatung University	Electrocatalytic Properties of Hybrid PdAuCu/MWCNTs for Applications in Direct Formic Acid Fuel Cells
	D-10-O24-017	24 Sep.	16:50	17:05	Prerna		SINGH	Japan Advanced Institute of Science and Technology	The Unique Electronic and Magnetic Properties of Gold Core Iron Shell Nanoparticles
	D-10-O24-018	24 Sep.	17:05	17:20	Gregory	A.	KACHURIN	Institute of Semiconductor Physics	Synthesis of light-emitting Si nanocrystals by irradiation of Si/SiO2 multilayers with swift heavy ions
	D-10-O24-019	24 Sep.	17:20	17:35	Baodan		LIU	Institute of Metal Research (IMR), Chinese Academy of Science (CAS)	Synthesis and TEM study of pseudobinary solid-solution semiconductor nanowires
	D-10-O24-020	24 Sep.	17:35	17:50	Cornelia		NEETZEL	Darmstadt University of Technology	Li-ion battery investigations of one-dimensional copper oxide nanostructures
	D-10-O24-021	25 Sep.	17:50	18:05	Tomohiko		OKADA	Shinshu University	Deposition of a smectite-like layered silicate on monodispersed silica sphere particles
Chairpersons: (K.Teshima@Shinshu Univ., H.Wagata@Shinshu Univ.)									
	D-10-O25-001	25 Sep.	10:30	10:45	Yosuke		MORIYA	The University of Tokyo	Flux Treatments on Photocatalysts for Visible-Light-Driven Water Splitting
	D-10-O25-002	25 Sep.	10:45	11:00	Kazuhiro		YAMAMOTO	Tokai University	Hydrothermal synthesis of promising photocatalytic material bronze type TiO2 and the photo-induced hydrophilicity
Invited	D-10-I25-003	25 Sep.	11:00	11:20	Yoshitake		MASUDA	National Institute of Advanced Industrial Science and Technology (AIST)	Morphology Control of Nanoscale Functional Metal Oxides and Their Application to Molecular Sensors
Keynote	D-10-K25-004	25 Sep.	11:20	11:45	Kazunari		DOMEN	The University of Tokyo	Nanoscale-architectural Control of Photocatalysts for Hydrogen Generation from Water
Invited	D-10-I25-005	25 Sep.	11:45	12:05	Jean-Christophe		VALMALETTE	IM2NP CNRS Universite du Sud Toulon Var	Self-Assembling Mechanism of Hierarchical Mesocrystalline Structures
Lunch 25 Sep. 12:05 13:30									
Chairpersons: (T.Ishizaki@Shibaura Inst.Tech., H.Nishikiori@Shinshu Univ.)									
	D-10-O25-006	25 Sep.	13:30	13:45	Yuji		MATSUMOTO	Tokyo Institute of Technology	Photo-electrochemical Epitaxy of Silver-oxide Clathrate Ag ₂ O/SrO on TiO ₂ (110) Single Crystals
	D-10-O25-007	25 Sep.	13:45	14:00	Yanbo		LI	The University of Tokyo	Vertically Aligned Tantalum Nitride Nanorod Arrays for Solar Water Splitting
	D-10-O25-008	25 Sep.	14:00	14:15	Matteo		AMATI	Sincrotrone Trieste S.C.p.A. di interesse nazionale	Scanning photoemission imaging and spectroscopy with synchrotron radiation, a powerful tool for micro- and nano-material characterization
	D-10-O25-009	25 Sep.	14:15	14:30	Daoui		WANG	The University of Tokyo	Enhanced Photocatalytic Activity for Micro- and Nanostructured Ta3N5 Photocatalyst with Separated Cocatalysts
	D-10-O25-010	25 Sep.	14:30	14:45	Yupeng		ZHANG	Wuhan University	Raman Spectroscopy, A New Approach to Measure the Percentage of Anatase TiO2 Exposed (001) Facets
	D-10-O25-011	25 Sep.	14:45	15:00	Shintaro		TAKATA	Tokyo Institute of technology	Distribution of Oxygen Vacancies in TiO2 Films Deposited by Pulsed Laser Deposition
Coffee Break 25 Sep. 15:00 15:15									
Chairpersons: (K.Yubuta@Tohoku Univ., Y.Matsumoto@Tokyo Inst.Tech.)									
	D-10-O25-012	25 Sep.	15:15	15:30	Ken		WATANABE	National Institute for Materials Science	Grain size effect on the oxygen permeation through Ba-Fe-based perovskite oxides
Invited	D-10-I25-013	25 Sep.	15:30	15:50	Satoshi		OHARA	Osaka University	Mechanochemical Synthesis of Carbon and Ceramic Nanomaterials by a High-Speed Ball-Milling Process
	D-10-O25-014	25 Sep.	15:50	16:05	Jun		YOSHIDA	TOYOTA MOTOR CORPORATION	Synthesizing Cathode Materials for Li-ion Battery by Mechanochemical Method
Invited	D-10-I25-015	25 Sep.	16:05	16:25	Toshio		SAKAI	Shinshu University	Gold Nanoparticles Formed through Reduction of Tetrachloride Gold(III) Ions by Poly(ethylene oxide)-Poly(propylene oxide)-Amines in Aqueous Solutions
Chairpersons: (Y.Masuda@AIST, T.Sakai@Shinshu Univ.)									
	D-10-O25-016	25 Sep.	16:30	16:45	Tiecheng		LU	Sichuan University	Uniform Doping and Controllable Light-Emitting of Ge Nanocrystals
	D-10-O25-018	25 Sep.	16:45	17:00	Anh	Thi Ngoc	DAO	Japan Advanced Institute of Science and Technology	Highly sensitive and robust hetero-core-shell nanoparticle biosensors utilizing charge-transfer-induced electronic modification
	D-10-O25-019	25 Sep.	17:00	17:15	Takafumi		OGAWA	Toray Industries, Inc.	Development of Advanced Membrane based on Scientific Research

Poster Session

Presentation NO	Presentation date	Time to start	Time to finish	Account: First name	Account: Middle name	Account: FAMILY NAME	Account: Affiliation	Abstract title
D-10-P25-001	25 Sep.	18:00	20:00	Chil-Chyuan		KUO	Ming Chi University of Technology	Rapid surface roughness determination of Al-doped zinc oxide thin films
D-10-P25-002	25 Sep.	18:00	20:00	Yoshitake		MASUDA	National Institute of Advanced Industrial Science and Technology (AIST)	Micro-patterning of Tin Oxide Nano-structure on a Flexible Polymer Film
D-10-P25-003	25 Sep.	18:00	20:00	Osamu		KUBOKAWA	Shinshu University	Fabrication of Visible-Light Responsive LaTiO2N Crystals Using Flux-Grown La2Ti2O7 Crystals as a Precursor and Their Application for Photocatalytic Water Splitting
D-10-P25-004	25 Sep.	18:00	20:00	Katsuya		TESHIMA	Shinshu University	Environmentally Friendly Flux Coating of Hydroxyapatite Crystal Layer on Various Material Surfaces
D-10-P25-005	25 Sep.	18:00	20:00	Akemi		SHIRASAKI	Shinshu University	Solothermal Growth of Highly Crystalline Mg-Al-NO3 LDH Crystals on Magnesium Alloy Surfaces
D-10-P25-006	25 Sep.	18:00	20:00	Hiroki		KOJIMA	Shinshu University	Flux Coating Fabrication of Spinel-type Lithium Titanate Crystal Layers on Current Collector for Lithium Ion Rechargeable Batteries
D-10-P25-007	25 Sep.	18:00	20:00	Kosuke		SHIMIZU	Shinshu University	Flux Fabrication of High-quality SrSnO3 Crystals and Crystal Layers
D-10-P25-008	25 Sep.	18:00	20:00	Hitoshi		ONODERA	Shinshu University	Environmentally Friendly Flux Growth of High-quality Solid Electrolyte Crystals for All-crystal-state Lithium Ion Rechargeable Batteries
D-10-P25-009	25 Sep.	18:00	20:00	Fumiya		ITO	Shinshu University	Environmentally Friendly Flux Growth of Highly-dispersed Pt Nanocrystals onto Nanocarbon Material Surfaces
D-10-P25-010	25 Sep.	18:00	20:00	Keita		SAKURAI	Shinshu University	Flux Growth of Superlong CoO Whiskers and Observation of Their Growth Manner
D-10-P25-011	25 Sep.	18:00	20:00	Nobuyuki		HANDA	Shinshu University	Large-Scale Flux Growth of Na2Ti3O7 Crystals and their Water Treatment Performance
D-10-P25-012	25 Sep.	18:00	20:00	Hikaru		INAGAKI	Shinshu University	Novel Flux Coating Fabrication of LiMnO2/LiLa3Zr2O12 Multilayer for All-Crystal-State Lithium Ion Rechargeable Batteries
D-10-P25-013	25 Sep.	18:00	20:00	Mayuu		TANAKA	Shinshu University	Flux Coating Fabrication of Rare-earth doped Yttrium Oxynitride Crystal Layers with Upconversion Fluorescence
D-10-P25-014	25 Sep.	18:00	20:00	Satoki		SUZUKI	Shinshu University	Direct Growth of Niobium-System Oxide and Oxynitride Crystals on Niobium Substrate
D-10-P25-015	25 Sep.	18:00	20:00	Sayaka		SUZUKI	Shinshu University	Flux Coating Fabrication of NaTaO3 Crystal Layers on Tantalum Substrate
D-10-P25-016	25 Sep.	18:00	20:00	Shoichi		MIWA	Shinshu University	Sonicated water as a medium for reduction of tetrachloride gold(III) ions and formation of gold nanoparticles
D-10-P25-017	25 Sep.	18:00	20:00	Junki		INOUE	Shinshu University	Adsorption and photocatalytic degradation of alkylphenols by Titania/CrTAB Nanoskeleton in water
D-10-P25-018	25 Sep.	18:00	20:00	Kunio		YUBUTA	Tohoku University	TEM observation for PrRh4.8B2 single crystal
D-10-P25-019	25 Sep.	18:00	20:00	Tomohiko		OKADA	Shinshu University	Occusions of magnetite and cobalt with dense silica hollow microsphere yield acid-tolerant magnetic particles
D-10-P25-020	25 Sep.	18:00	20:00	Toshimitsu		KASAI	Shinshu University	Low Temperature Dehydrochlorination of Poly(vinyl chloride) in the Presence of ZnO and Sulfonation of the Dehydrochlorinated Polymer
D-10-P25-021	25 Sep.	18:00	20:00	Amukorn		PHURUANGRAT	Prince of Songkla University	Facile hydrothermal synthesis and optical properties of monoclinic CePO4 nanowires with highly aspect ratio
D-10-P25-022	25 Sep.	18:00	20:00	Yuya		UESHIMA	KURIMOTO,LTD.	Development of Colloidal Magnetorheological Fluid for Smart Actuators
D-10-P25-023	25 Sep.	18:00	20:00	Tsutomu		SONODA	National Institute of Advanced Industrial Science and Technology (AIST)	Synthesis of Chromium Oxycarbide Thin Films by Reactive DC Sputtering with Carbon Dioxide Gas
D-10-P25-024	25 Sep.	18:00	20:00	Liangcai		WU	Shanghai Institute of Micro-system and Information Technology, Chinese Academy of Sciences	Characterization of nitrogen-doped nonstoichiometric Ge-Te films for phase-change memory
D-10-P25-025	25 Sep.	18:00	20:00	Yusuke		MIZUNO	Shinshu University	Direct Fabrication of LiCoO2 Crystal Layers onto Current Collectors as a Cathode of All-Crystal-State Lithium Ion Batteries by Flux Coating Method
D-10-P25-026	25 Sep.	18:00	20:00	Rudi	Agus	SETIAWAN	Shinshu University	Effect of Titanium Alkoxide Concentration on Dye-Titania Complex Formation in Dye-Dispersing Titania Electrodes and Their Photoelectric Conversion Properties
D-10-P25-027	25 Sep.	18:00	20:00	Ruriko		KUDOU	A&A Material Corporation	Formation of corrosion resistant film on magnesium alloy by chemical conversion and steam curing treatments
D-10-P25-028	25 Sep.	18:00	20:00	Toetsu		SHISHIDO	Tohoku University	Hardness and Oxidation Resistance of RCo2B2 (R = rare earth element)
D-10-P25-029	25 Sep.	18:00	20:00	Shotaro		NOZAKI	Shinshu University	Flux Coating Fabrication of Highly Crystalline LiCoO2 Layers on Surface-Treated Aluminum Substrates
D-10-P25-030	25 Sep.	18:00	20:00	Hsiao	Chu	LIN	National Taiwan University, Taipei, Taiwan	Nanoscale Interaction of Ionic Silicate Platelets with Biomaterials for Biosensors
D-10-P25-031	25 Sep.	18:00	20:00	Aomi		ONUMA	Tokyo Institute of Technology	Thermal Behaviors of Si-Cr Thin Films as a Metal Flux for SiC Solution Growth with a High-Temperature High-Vacuum Laser Microscope
D-10-P25-032	25 Sep.	18:00	20:00	Kyohei		MIYASHITA	Shinshu University	Influence of Adding Acid on Photoinduced Electron Transfer in Dye-Doped Titania
D-10-P25-033	25 Sep.	18:00	20:00	Takahiro		ISHIZAKI	Shibaura Institute of Technology	Anticorrosive Performance of Nanocomposite Film on Magnesium Alloys by Steam Coating Method
D-10-P25-034	25 Sep.	18:00	20:00	Hirokazu		TATSUOKA	Shizuoka University	Growth of Sodium Carbonate and Stannate Nano-/Micro-rods
D-10-P25-035	25 Sep.	18:00	20:00	Hirokazu		TATSUOKA	Shizuoka University	Growth of Ag Nanostructures on Various Metallic Substrates
D-10-P25-036	25 Sep.	18:00	20:00	takumi		TAKIKAWA	Shinshu University	Preparation and Photoelectric Conversion Properties of Dye-Doped Zinc
D-10-P25-037	25 Sep.	18:00	20:00	Masaaki		ITO	Shinshu University	Photocatalytic Reaction on Aliphane-Titania Nanocomposite Electrodes for Photofuel Cells
D-10-P25-038	25 Sep.	18:00	20:00	Kenta		TODOROKI	Shinshu University	Photoelectric Conversion Properties of Titania Electrodes Containing Ligand-Titania Complexes
D-10-P25-039	25 Sep.	18:00	20:00	Hiroya		ABE	Osaka University	Synthesis and Deposition of NiO-YSZ Nanocomposite Particles for Solid Oxide Fuel Cell
D-10-P25-040	25 Sep.	18:00	20:00	Noriyasu		KIMURA	Okayama University	Morphological and Structural Features of Manganese Oxide Produced by Microorganism
D-10-P25-041	25 Sep.	18:00	20:00	HIROHISA		SATO	Toyohashi University of Technology	High Temperature Phase Behavior of BaTb2Mn2O7 by Thermal Treatment of Single Crystals
D-10-P25-042	25 Sep.	18:00	20:00	Taiki		IHARA	Tokyo Institute of Technology	Effect of water addition on morphology control of ZnO particles synthesized by solvothermal process
D-10-P25-043	25 Sep.	18:00	20:00	Wen-Tai		LIN	National Cheng Kung University	Growth and Optical Properties of Ge-Doped In2O3 Nanowires
D-10-P25-044	25 Sep.	18:00	20:00	Shigeru		OKADA	Kokushikan University	Preparation of NbB2 powders by solid-state reaction between Nb2O5 and B powders with addition of alkali chlorides
D-10-P25-045	25 Sep.	18:00	20:00	Dae Joon		KANG	Sungkyunkwan University	Patterning of Sub-30 nm Sol-Gel Driven functional TiO2 Nanostructures Based on Electrohydrodynamic Lithography
D-10-P25-046	25 Sep.	18:00	20:00	Kensuke		SHIRODE	University of Hyogo	Local Structure of Electron Cyclotron Resonance (ECR) Sputtered CN Films Determined by Soft X-ray Absorption Spectroscopy
D-10-P25-047	25 Sep.	18:00	20:00	Chin-Yi		CHEN	Feng Chia University	Pseudocapacitive properties of Chemical Bath Deposited ZnO Nanorod
D-10-P25-048	25 Sep.	18:00	20:00	Jeonghoon		LEE	Korea University of Technology and Education	Emissivity of Silica Particles at High Temperature
D-10-P25-049	25 Sep.	18:00	20:00	Seungmo		KIM	Korea University of Technology and Education	Analysis of Polymer Processing During Thermal Nanoimprint Lithography for Nanoscale Electronic Material
D-10-P25-050	25 Sep.	18:00	20:00	Mitsuaki		MATSUOKA	Yokohama National University	Networking of CNTs in ethanol by control of their dispersion and agglomeration