

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
Chairperson: Prof. Yasuro Ikuma (Kanagawa Institute of Technology)									
Invited	A-9-I25-001	25 Sep.	13:30	14:10	Toshiro		KUJI	Tokai university	Materials Design with Nano- and Atomic-sized Technology
Invited	A-9-I25-002	25 Sep.	14:10	14:50	Kuan-Zong		FUNG	National Cheng Kung University	Approaches to Solving Problems for Using Solid Electrolytes for Energy Applications
Coffee break		25 Sep.	14:50	15:15					
Chairperson: Prof. Toshiro Kuji (Tokai University)									
	A-9-O25-003	25 Sep.	15:15	15:35	Yuta		MATSUSHIMA	Yamagata University	Doping phenomena of Ho in BaTiO ₃ prepared from water-soluble precursor
	A-9-O25-004	25 Sep.	15:35	15:55	Jie		SUN	Northwestern Polytechnical University	Study on the interface structures and properties between Au electrode and Hg ₃ In ₂ Te ₆ by HRTEM
	A-9-O25-005	25 Sep.	15:55	16:15	Aron		WALSH	University of Bath	Band Energies and Doping Limits of Metal Oxides
Chairperson: Prof. Kuan-Zong Fung (National Cheng Kung University)									
	A-9-O25-007	25 Sep.	16:20	16:40	Yoon-Hyun		KIM	Waseda University	Percolative BaTiO ₃ Composite Films with High-k Dielectric Constants and Low Dielectric Losses
	A-9-O25-008	25 Sep.	16:40	17:00	Bao-Wen		Li	National Institute for Materials Science	Controlled Assembly of Two-Dimensional Oxide Nanosheets for novel Nanodielectrics/Nanoferroelectrics
Chairperson: Prof. Yu Nagase (Tokai University)									
Invited	A-9-I26-001	26 Sep.	13:30	14:10	Masayoshi		WATANABE	Yokohama National University	Polymer Actuators Using Ion-Gel Electrolytes Prepared by Self-Assembly of ABA-Triblock Copolymers and Their Driving Mechanisms
	A-9-O26-002	26 Sep.	14:10	14:30	Jingmei		ZHUO	National University of Singapore	Evidence for an organic semiconductor transition layer at the dielectric interface of polymer field-effect transistors
	A-9-O26-003	26 Sep.	14:30	14:50	Shinji		KANEHASHI	Meiji University	Synthesis of ABA-Type Triblockcopolymer Derived from Adamantylmethacrylate and Polyimide Macroinitiator by Atom-Transfer Radical Polymerization
Coffee break		26 Sep.	14:50	15:15					
Chairperson: Dr. Minoru Osada (National Institute for Materials Science)									
	A-9-O26-004	26 Sep.	15:15	15:35	Jiatao		ZHANG	Beijing Institute of Technology	Precisely Tailored Hybrid Core-Shell Nanostructures with Large Lattice Mismatches
	A-9-O26-005	26 Sep.	15:35	15:55	Ilia		MANACH	IETR (Institute of Electronics and Telecommunications of Rennes)	Carbon-Fiber Tissue as Radiating Element: Toward Pure Composite Material Antennas
	A-9-O26-007	26 Sep.	15:55	16:15	Kei		SHIBATA	Tohoku University	Development of Railway Power Collecting Materials by Using Rice Bran Ceramics as Wear-Resistant Particles

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
A-9-P26-001	26 Sep.	16:30	18:30	Daisuke		OTA	Yokohama National University, Faculty of Engineering	Vacancy Induced Ferromagnetism in KNbO ₃ by Mechanical Milling
A-9-P26-002	26 Sep.	16:30	18:30	Yoshihide		KIMISHIMA	Faculty of Engineering, Yokohama National University	Ferromagnetism in SnO ₂ with Vacancies
A-9-P26-003	26 Sep.	16:30	18:30	Satoshi		FUKUI	Okayama University	Effect of Nb ₂ O ₅ addition to SnO-P ₂ O ₅ glass
A-9-P26-004	26 Sep.	16:30	18:30	Ryo		TASHIRO	TOKAI UNIVERSITY	Magnetic Properties of Carbon-Metal Composite Material Synthesized by Ball-Milling
A-9-P26-005	26 Sep.	16:30	18:30	Akira		FURUKAWA	Yamagata University	Electric Properties of Plastic Sheets with Rice Hull Carbon
A-9-P26-006	26 Sep.	16:30	18:30	Hiromi		TANAKA	Yonago National College of Technology	Improvement of intragrain critical current density in Bi-based superconductor by self-assembled two-dimensional nanoplane defects
A-9-P26-007	26 Sep.	16:30	18:30	Li		FU	Northwestern Polytechnical University	Investigation on rapid annealing technology of Au/Hg ₃ In ₂ Te ₆ Schottky junction
A-9-P26-008	26 Sep.	16:30	18:30	Hikaru		KOYAMA	Muroran Institute of Technology	Synthesis and Luminescence Property of Eu and Dy doped Calcium Aluminates
A-9-P26-009	26 Sep.	16:30	18:30	Yuji		TAKEIDA	Muroran Institute of Technology	Emission Properties of LiErO ₂ and Rare Earth-doped LiYbO ₂ Phosphors
A-9-P26-010	26 Sep.	16:30	18:30	Iori		SAKAKIBARA	Kanto Gakuin University	Photoluminescence Properties of LaNbO ₄ :Eu ³⁺ Phosphors Prepared by the Solid-state Reaction
A-9-P26-011	26 Sep.	16:30	18:30	Kyeongsoon		PARK	Sejong University	Effect of Li content on the microstructure and photoluminescence of (Y _{0.5} Gd _{0.5}) _{0.94-x} (V _{0.25} P _{0.75})O ₄ :Eu ^{0.06} ,Li _x phosphors
A-9-P26-012	26 Sep.	16:30	18:30	Yumi		HIDAKA	Kanto Gakuin University	Absorption and Fluorescence of Pyranine Molecules Embedded in Anodic Porous Alumina
A-9-P26-013	26 Sep.	16:30	18:30	Yuta		NAGASE	Meiji University	Synthesis and Fluorescence Properties of Aryl- and Heteroaryl-Annulated[<i>c</i>]carbazoles
A-9-P26-014	26 Sep.	16:30	18:30	Kazuki		YAMASHITA	Tokai University	Syntheses and Photonic Properties of Copolymers Containing Indolocarbazole Moiety in the Side Chain
A-9-P26-015	26 Sep.	16:30	18:30	Tsubasa		KONISHI	Kanagawa University	Formation of photosensitive self-assembled monolayer prepared from silane coupling agents and surface state analysis.
A-9-P26-016	26 Sep.	16:30	18:30	Daiki		SATO	Kanagawa University	Preparation and characterization of the self-assembled monolayer capable of the catch and photorelease of amine and azide via a 2-nitrophenethyl linker
A-9-P26-017	26 Sep.	16:30	18:30	Yoshimi		YAGITA	Kanto Gakuin University	Effect of Surfactants on the Formation of Nanoparticles of 9, 10-Bis (phenylethynyl)anthracene
A-9-P26-018	26 Sep.	16:30	18:30	Shinichi		KOGUCHI	Tokai University	An ionic-liquid-supported 18-crown-6 ether:Recyclable Catalyst for Acetylation and Fluorination in an Ionic Liquid
A-9-P26-019	26 Sep.	16:30	18:30	Ryohei		SHINDO	Meiji University	Synthesis and Gas Transport Properties of UV-cured Fluorine-Containing Telechelic Polyimide Membranes
A-9-P26-020	26 Sep.	16:30	18:30	Koichi		NIWA	Kanagawa Institute of Technology	Intermediate Oxidation in Direct Ethanol Fuel Cell
A-9-P26-021	26 Sep.	16:30	18:30	Yusuke		NISHIKAWA	Kansai University	Reduction in Surface Cracks of Beta-FeSi ₂ Films by Substrate Heating during RF-Sputtering Deposition
A-9-P26-022	26 Sep.	16:30	18:30	Masahiro		HIROOKA	Yamagata University	Rare-earth-free phosphors from deep-blue to yellow based on vanadate compounds
A-9-P26-023	26 Sep.	16:30	18:30	Jae Won		LIM	Korea Institute of Geoscience & Mineral Resources	Preparation of High Purity Titanium Ingot with Low Oxygen Concentration for Sputtering Target by Deoxidation and Refining
A-9-P26-024	26 Sep.	16:30	18:30	Masahiro		TAKIGUCHI	Muroran Institute of Technology	Synthesis and Crystal Structure Analysis of LiAlTiO ₄
A-9-P26-025	26 Sep.	16:30	18:30	Yosuke		AKASE	Muroran Institute of Technology	Synthesis and charge-discharge properties of sodium-containing materials
A-9-P26-026	26 Sep.	16:30	18:30	Kazumichi		NONAKA	Meiji University	Synthesis of SrAlSi ₃ Eu ₂ + Red Phosphor by Ammonothermal Method
A-9-P26-027	26 Sep.	16:30	18:30	Takamitsu		HONJO	Tokai university	Synthesis of Cu-Fe alloy by Bulk Mechanical Alloying and Structure Evaluation
A-9-P26-028	26 Sep.	16:30	18:30	Kuan-Zong		FUNG	National Cheng Kung University	Preparation and Thin Film Deposition of Ni-Co Oxide Spinel with Adequate Electrical and Optical Properties
A-9-P26-029	26 Sep.	16:30	18:30	VAISHALI	VINOD	MANE	DEPARTMENT OF PHYSICS, SHIVAJI UNIVERSITY, KOLHAPUR,PIN-416004, MAHARASHTRA.	Ag thick film microstrip straight resonator as a moisture sensor for biomaterial
A-9-P26-030	26 Sep.	16:30	18:30	Masaaki		ISAI	Shizuoka University	Preparation and evaluation of Ga ₂ O ₃ oxygen sensors