

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:Reji PHILIP, Satoru KANEKO									
Keynote	B-5-K24-001	24 Sep.	10:30	11:00	Mikhail		BELOGOLOVSKI	Donetsk Institute for Physics and Engineering	Perovskite-Oxide Memristive Cells for Resistive Random-Access Memory
Invited	B-5-I24-002	24 Sep.	11:00	11:20	Jayan		THOMAS	University of Central Florida	Nonlinear Optical Properties of Graphene Oxide
	B-5-O24-003	24 Sep.	11:20	11:35	Qin		HUANG	Beihang University (BUAA)	Effect of structure on conduction and optical transparency of M2O (M: Cu and Ag) films prepared by reactive magnetron sputtering
	B-5-O24-004	24 Sep.	11:35	11:50	Xudong		JIANG	Wuhan University	Plasma Nitriding plus Micro-Arc Oxidation to Fabricate N-doped TiO2 Photocatalytic Film and Its HRTEM Study
	B-5-O24-005	24 Sep.	11:50	12:05	Kyungsu		LEE	Sungkyunkwan University	Effects of temperature stress on VFB shifts of HfO2-SiO2 double gate dielectrics devices
Lunch									
Chairpersons: Mikhail BELOGOLOVSKI									
Invited	B-5-I24-006	24 Sep.	13:30	13:50	Tetsuo		TSUCHIYA	National Institute of Advanced Industrial Science and Technology (AIST)	Preparation of CaTiO3: Pr Phosphor Thin Film on Flexible Substrate by Photo- Induced Chemical Solution Process
	B-5-O24-007	24 Sep.	13:50	14:05	Jun		ZHU	University of Electronics Science and Technology of China	Integration growth and new property exploration of oxide thin films on AlGaN/GaN
	B-5-O24-008	24 Sep.	14:05	14:20	Hiroshi		NAKANO	Tokyo Institute of Technology	Influence of the addition of O2 gas for high (100) oriented Pt thin films deposited on MgO/Fe composite bilayers
	B-5-O24-009	24 Sep.	14:20	14:35	Kosuke		KURODA	Kansai University	Decrease in Resistivity of Spin-Coated ITO Films on TiO2 by Annealing in Oxygen Ambient
	B-5-O24-010	24 Sep.	14:35	14:50	Xavier		CASTEL	Université de Rennes	Transparent Antennas: Comparison of the Performances of Samples Based on ITO Single Layer, ITO/metal/ITO Multilayer and Meshed Metal Film
Coffee Break									
Chairpersons: Tamio ENDO									
Keynote	B-5-K24-011	24 Sep.	15:15	15:45	Akira		FUJISHIMA	Tokyo University of Science	TiO2 Photocatalysis and Related Surface Phenomena
Keynote	B-5-K24-012	24 Sep.	15:45	16:15	Reji		PHILIP	Raman Research Institute	Optical Limiting in Spinel Ferrites
	B-5-O24-013	24 Sep.	16:15	16:30	Ming-Kwei		LEE	Chung Yuan Christian University	Electrical characteristics of fluorinated LPD-SiO2/MOCVD-TiO2 on (NH4)2S treated InP
Chairpersons: Shunichi ARISAWA									
Invited	B-5-I25-001	25 Sep.	10:30	10:50	Takeshi		HASHISHIN	Osaka University	Modification effect of Muti-walled Carbon Nanotubes with Oxides Nanoparticles on Oxygen Adsorption
Invited	B-5-I25-002	25 Sep.	10:50	11:10	Satoru		KANEKO	Kanagawa Prefectural Government	Periodic nanostructure self-organized on trace of CW laser scanning line on silicon substrate
	B-5-O25-003	25 Sep.	11:10	11:25	Joel		MOLINA	National Institute of Astrophysics, Optics and Electronics	Performance of a MOHOS-type Memory using HfO2 Nanoparticles as Charge Trapping Layer and Different Tunneling Oxide Thickness.
	B-5-O25-004	25 Sep.	11:25	11:40	Shalima		SHAWUTI	PhD	Solid Oxide-Molten Carbonate Nanocomposite Fuel Cells: Particle size effect
	B-5-O25-005	25 Sep.	11:40	11:55	Yasutaka		TAKEMURA	Okuno Chemical industries Co., Ltd.	Development of Metal Oxide Nanoparticle Pastes for Transparent Conductive Circuit Formation
Lunch									
Chairpersons:Jayan THOMAS									
Invited	B-5-I25-006	25 Sep.	13:30	13:50	Shunichi		ARISAWA	National Institute for Materials Science	Observation of Quantized Magnetic Flux under Shielding Current Flow by Scanning SQUID Microscopy
	B-5-O25-007	25 Sep.	13:50	14:05	Mikhail		BELOGOLOVSKI	Donetsk Institute for Physics and Engineering	Hybrid Ferromagnet-Superconductor Transistor with Two Oxide Barriers
	B-5-O25-008	25 Sep.	14:05	14:20	Qin		HUANG	Beihang University (BUAA)	Correlation of chemical bonding state and properties of Al-doped Cu2O films
	B-5-O25-009	25 Sep.	14:20	14:35	Yu		ZHAO	The Univ. of Tokyo	Precursors Selection for TiO2 Thin Film Deposition in Supercritical CO2
	B-5-O25-010	25 Sep.	14:35	14:50	PETER	PAUL	MURMU	GNS Science	Magnetic coupling and transport properties of Gd implanted ZnO
Coffee Break									
Chairpersons:Kanji YASUI									
Invited	B-5-I25-011	25 Sep.	15:15	15:35	Tomoaki		TERASAKO	Ehime University	Carrier Transport in Ga-doped ZnO Films: Temperature Dependence
Invited	B-5-I25-012	25 Sep.	15:35	15:55	K.L.		TEO	National University of Singapore	Spin-polarized 2DEG and 3DES in Polar Oxide Heterostructure
	B-5-O25-013	25 Sep.	15:55	16:10	Alessio		FILIPPETTI	CNR-ION UOS Cagliari and University of Cagliari	The 2DEG at the interface of oxide insulators described by First-Principles: structural, electronic, and transport properties.
	B-5-O25-014	25 Sep.	16:10	16:25	Slavko		BERNIK	Jozef Stefan Institute	Low-temperature hydrothermal growth of transparent-conductive ZnO films on a glass substrate
Coffee Break									
Chairpersons: Takeshi HASHISHIN									
Invited	B-5-I25-015	25 Sep.	16:30	16:50	Kanji		YASUI	Nagao Univ. Technol.	Optical properties of ZnO epitaxial film on a-plane sapphire using high-energy H2O generated on Pt-nanoparticles
	B-5-O25-016	25 Sep.	16:50	17:05	Kanji		YASUI	Nagao Univ. Technol.	Optical properties of ZnO thin films grown on glass substrates using high-energy H2O generated on Pt-nanoparticles
	B-5-O25-017	25 Sep.	17:05	17:20	Shrikant		SAINI	Hiroshima University, 739-8530 Higashi-Hiroshima, Japan	Characterization of Al-doped ZnO thermoelectric thin films fabricated by Pulsed Laser Deposition
	B-5-O25-018	25 Sep.	17:20	17:35	Huaping		SONG	Kochi University of Technology	Effect of indium doping concentration on the properties of Ga-doped ZnO films with a thickness of 100 nm
	B-5-O25-019	25 Sep.	17:35	17:50	Venkatachalam		SHANMUGAM	National Institute of Advanced Industrial Science and Technology (AIST)	Preparation and Characterization of Undoped and Phosphorus doped ZnO Thin Films by hydrothermal method
	B-5-O25-020	25 Sep.	17:50	18:05	Tzu-Chi		CHOU	Industrial Technology Research Institute	Effect of Oxygen Amount on Electrical and Transparency Characteristics of Amorphous IGZO Thin Film Fabricated by Sputtering
Chairpersons: Masaya ICHIMURA									
Invited	B-5-I26-001	26 Sep.	10:30	10:50	Miyoshi		YOKURA	Mie Univ	Persistent Activated Surface of Plasma-irradiated PET Film, and Effect of Water on Strength of Irradiation-induced Bonding
	B-5-O26-002	26 Sep.	10:50	11:05	Kennichi		UEHARA	Mie Univ.	In-plane Orientation of Polymer Axis in Two-axes Expanded PET and Plasma Irradiation Effects
	B-5-O26-003	26 Sep.	11:05	11:20	Ying		SONG	Nagoya Institute of Technology	H2O2 Treatment of the Cu2O Thin Films deposited by the Electrochemical method
	B-5-O26-004	26 Sep.	11:20	11:35	Junie Jhon	Magdadaro	VEQUIZO	Nagoya Institute of Technology	Electrodeposition of Ga2O3 Thin Films from Aqueous Gallium Sulfate Solutions
	B-5-O26-005	26 Sep.	11:35	11:50	Koji		ABE	Nagoya Institute of Technology	Growth of ZnO films from aqueous solutions containing ZnCl2 and ZnF2
Lunch									
Chairpersons: Tetsuo TSUCHIYA									
Invited	B-5-I26-006	26 Sep.	13:30	13:50	Kazuhiro		ENDO	Kanazawa Institute of Technology	Oxide Thin Films with Layered Structure Grown by MOCVD
	B-5-O26-007	26 Sep.	13:50	14:05	USMAN		ILYAS	NANYANG TECHNOLOGICAL UNIVERSITY	Origin of ferromagnetism in p-type ZnO:Mn nanocrystallites with improved optical transparency
	B-5-O26-008	26 Sep.	14:05	14:20	SANAL	KOZHIPARAM	CHANDRAN	COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY	Optical and electrical properties of IGZO thin films deposited by rf magnetron sputtering
	B-5-O26-009	26 Sep.	14:20	14:35	YoungWan		JU	Kyushu University	Improved power density of Ni-Fe metal supported solid oxide fuel cell with Ce(Mn,Fe)O2 oxide anode
	B-5-O26-010	26 Sep.	14:35	14:50	ANANTH	KUMAR	R.T.	MANONMANIUM SUNDARANAN UNIVERSITY, TRIRUNELVELI	Thickness dependent optical properties of GeS2 thin films: Analysis using Tauc parameter and Urbach energy
	B-5-O26-011	26 Sep.	14:50	15:05	WEN ZHI		CHANG	National Taiwan University of Science and Technology	Characteristics and Switching Mechanisms of Thin Oxide Films in Resistance Random Access Memory (RRAM)

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
Chairpersons: Satoru KANEKO , Dai-ichiro YOSHIDA , Noriaki IKENAGA								
B-5-P25-001	25 Sep.	18:00	20:00	Liangcai		WU	Shanghai Institute of Micro-system and Information Technology, Chinese Academy of Sciences	Titanium-Doped Sb4Te films for high speed phase change memory
B-5-P25-002	25 Sep.	18:00	20:00	Xiaoguang		LI	University of Science and Technology of China	Multi-state resistive switching memory in Au/BiFe0.95Mn0.05O3/La5/8Ca3/8MnO3 heterostructure
B-5-P25-003	25 Sep.	18:00	20:00	Seiji		ICHIYANAGI	Shimane University	Electrical properties of Nb-doped TiO2/Ga-doped ZnO bilayer film
B-5-P25-004	25 Sep.	18:00	20:00	Midori		YOSHIDA	Yamagata University	A direct-current-driven inorganic electroluminescent device using a rare-earth doped ZnO layer
B-5-P25-005	25 Sep.	18:00	20:00	Naoki		SUZUKI	Okayama University	Preparation and electrical conduction property of (110)-oriented ordered Fe2-xTixO3 thin films
B-5-P25-006	25 Sep.	18:00	20:00	Tatsuo		FUJII	Okayama University	High-resolution TEM observations on (110)-oriented epitaxial Fe2-xTixO3 films
B-5-P25-007	25 Sep.	18:00	20:00	takumi		SASAKI	Graduate School of Engineering, Kanto Gakuin University	Development of Nanofilm Ceramic Sensor with High-Speed Response
B-5-P25-008	25 Sep.	18:00	20:00	Shinichi		MOROHASHI	Yamaguchi University	ITO Thin Films Fabricated by Magnetic Flux Distribution Variable-type Facing Target Sputtering System
B-5-P25-009	25 Sep.	18:00	20:00	Eduardo	Ceretta	MOREIRA	Universidade Federal do Pampa	Synthesis of cobalt vanadium oxide nanofibers by sol-gel peroxovanadate route
B-5-P25-010	25 Sep.	18:00	20:00	Ryohei		AIDA	Kumamoto National College of Technology	Effect of high temperature annealing on the surface structure of b-Ga2O3
B-5-P25-011	25 Sep.	18:00	20:00	Kimiaki		TAMANO	Tosoh Corporation	DEVELOPMENT OF NOVEL INDUM OXIDE FILM FOR SOLAR CELLS
B-5-P25-012	25 Sep.	18:00	20:00	Tomoaki		TERASAKO	Ehime University	Shape Controllability of ZnO Nanorods Grown by Chemical Bath Deposition Using Aqueous Solutions
B-5-P25-013	25 Sep.	18:00	20:00	Kiyoshi		FUDA	Akita University	Thermoelectric Properties of Magneli-Phase Titania Compacts Fabricated by Reactive SPS-sintering Method
B-5-P25-014	25 Sep.	18:00	20:00	JeongSoo		HONG	Tokyo Institute of Technology	Flower-like ZnO Fabricated on Spin-Sprayed Film
B-5-P25-015	25 Sep.	18:00	20:00	Ivaldo		TORRES CHAVEZ	Grupo LOGOS	TRANSITION-KINETICS PHASE OF THIN FILMS OF AMORPHOUS SiCx:H INTRINSIC AND PHOSPHORUS-DOPE USING THE TECHNIQUE OF SOLID PHASE CRYSTALLIZATION
B-5-P25-016	25 Sep.	18:00	20:00	Kyungmin		OH	Radiation Imaging Laboratory, A-215	The effect of silicon dioxide and titanium dioxide on amorphous selenium for the development of a line scanning device based digital X-ray film
B-5-P25-017	25 Sep.	18:00	20:00	Kazuya		HANADA	Mie Univ	Water Adsorption and Dehydration on Plasma Irradiated PET Film Surface
B-5-P25-018	25 Sep.	18:00	20:00	Akira		OKADA	Mie Univ.	Fabrication of Cubic-La(Ba)MnO3 / Hexagonal-ZnO Heterostructures on Various Substrates by In-situ Ion Beam Sputtering
B-5-P25-019	25 Sep.	18:00	20:00	Akinobu		OKAMOTO	Mie Univ.	Calculation of Least-Common-Multiple Lattice Matching on LSMO/ZnO/sapphire-substrate
B-5-P25-020	25 Sep.	18:00	20:00	nguyen	thi	MUA	HANOI UNIVERSITY OF PREVENTION AND FIGHT FIRE	Influence of preparation conditions on superconducting properties of Bi-2223 thin films
B-5-P25-021	25 Sep.	18:00	20:00	Akito		FUKUDA	Nagoya Institute of Technology	Heterojunction solar cells based on electrochemically deposited Cu2O and sol-gel deposited SnO2
B-5-P25-022	25 Sep.	18:00	20:00	Yasuj		YAMADA	Shimane University	Relationship between Electrical Properties and Lattice Constant of Ga-doped ZnO Film Prepared by Magnetron Sputtering Method
B-5-P25-023	25 Sep.	18:00	20:00	Yen-Lin		HUANG	National Chung Hsing University, Taiwan	Structure and Optical Properties of ZnO/TiO2 Thin Films Prepared by Reactive Magnetron Co-sputtering
B-5-P25-024	25 Sep.	18:00	20:00	Satoru		KANEKO	Kanagawa Prefectural Government	Correlation between mass density and mechanical properties of Diamond-like Carbon films deposited by different coating methods
B-5-P25-025	25 Sep.	18:00	20:00	Kazuhiro		KATO	Central Glass Co., Ltd	Correlation between Microstructures of ZnO Under Layers and TIN Thin Films Deposited by Magnetron Sputtering
B-5-P25-027	25 Sep.	18:00	20:00	Toshihiro		MORIGA	The University of Tokushima	Fabrication of IGZO thin films by simultaneous DC sputtering from IZO and GZO targets
B-5-P25-028	25 Sep.	18:00	20:00	Masayuki		OKUYA	Shizuoka University	Preparation of IZO transparent conductive thin film by microwave heating technique
B-5-P25-029	25 Sep.	18:00	20:00	Masayuki		OKUYA	Shizuoka University	SnO2 thin films prepared by coplanar surface discharge technique
B-5-P25-030	25 Sep.	18:00	20:00	HIROYUKI		ONODA	Ritsumeikan university	Preparation of Magnesium Ferrite for Detection of Sub ppm levels of Hydrogen Sulfide Gas
B-5-P25-031	25 Sep.	18:00	20:00	Kazuhiro		ENDO	Kanazawa Institute of Technology	Growth of c-axis and non c-axis Oriented Bi-2201 Thin Films by MOCVD
B-5-P25-032	25 Sep.	18:00	20:00	Tatsunori		TAKADA	Kanazawa Institute of Technology	Growth of c-axis and non c-axis Bi-2201 Films by Spin Coating