

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: (Soichiro OKAMURA, Tokyo University of Science, Japan)									
Invited	C-3-I24-001	24 Sep.	10:30	11:00	masaaki		TAKASHIGE	Meisei University	Early Studies of AFM observation on Ferroelectrics and Ferroelastics
	C-3-O24-002	24 Sep.	11:00	11:15	Hironori		FUJISAWA	University of Hyogo	Polarization measurements of PbTiO3 nanoislands by atomic force microscopy
	C-3-O24-003	24 Sep.	11:15	11:30	Satoshi		WADA	University of Yamaguchi	Preparation of Grain-oriented Barium Titanate Ceramics by An Electrophoresis Deposition Method under A High Magnetic Field using Single-domain Barium Titanate Nanoparticles
	C-3-O24-004	24 Sep.	11:30	11:45	Yuuki		KITANAKA	The University of Tokyo	Enhancement of Piezoelectric Properties for Bi-Based Ferroelectric Crystals with Dense 90-deg Domain Structures
	C-3-O24-005	24 Sep.	11:45	12:00	Ken		WATANABE	National Institute for Materials Science	Oxygen diffusion around the grain boundary in reduced BaTiO3 ceramics
Lunch 24 Sep. 12:00 13:30									
Chairpersons: (Satoshi WADA, University of Yamaguchi, Japan)									
Invited	C-3-I24-006	24 Sep.	13:30	14:00	Eisuke		TOKUMITSU	Japan Advanced Institute of Science and Technology	Oxide-channel thin film transistors using ferroelectric and high-k gate insulators
Invited	C-3-I24-007	24 Sep.	14:00	14:30	Hitoshi		TABATA	The University of Tokyo	Spin and Charge Ordering in Ferrite Related Thin Films and Their Electric and Magnetic Properties
	C-3-O24-008	24 Sep.	14:30	14:45	Takashi		NAKAJIMA	Tokyo University of Science	Ferroelectric Properties of beta-crystallized Polyvinylidene Fluoride Thin Film
	C-3-O24-009	24 Sep.	14:45	15:00	Veronica		CORRAL-FLORES	Research Center for Applied Chemistry	Multiferroic composites of CoFe2O4-BaTiO3 nanostructures in a PVDF matrix
Coffee Break 24 Sep. 15:00 15:15									
Chairpersons: (Ysuihiro YONEDA, Japan Atomic Energy Agency, Japan)									
Invited	C-3-I24-010	24 Sep.	15:15	15:45	Zhenxiang		CHENG	Institute for Superconducting and Electronic Materials	Spin reorientation, dielectric relaxation and magnetocapacitance effect in novel magnetoelectric systems
	C-3-O24-011	24 Sep.	15:45	16:00	Alexei		BELIK	National Institute for Materials Science (NIMS)	High-pressure synthesis of new ferroelectric and multiferroic perovskite materials
	C-3-O24-012	24 Sep.	16:00	16:15	Reo		YOHENA	Tokyo Institute of Technology	Thickness dependence of high in-plane magnetic anisotropy and ferromagnetic resonance frequency of FeCoB films
Chairpersons: (Zhenxiang CHENG, Institute for Superconducting and Electronic Materials, Australia)									
	C-3-O24-013	24 Sep.	16:30	16:45	Gaku		SAEMMA	Tokyo Institute of Technology	Si/NiFe seedlayers for perpendicular magnetic recording tape media
	C-3-O24-014	24 Sep.	16:45	17:00	Yuki		KUBOTA	Tokyo Institute of Technology	Improvement of (100) orientation of FeCo layers in perpendicular magnetic tunnel junction
	C-3-O24-015	24 Sep.	17:00	17:15	Dario		BUENO-BAQUES	Research Center for Applied Chemistry	Magnetization dynamics in 1-3 multiferroic composites
	C-3-O24-016	24 Sep.	17:15	17:30	Donghae		LEE	Yokohama national university	Microstructure and magnetic properties of nano-scale magnetic particles formed in Cu85-Ni10-Co5 alloy.
Chairpersons: (Richard EITTEL, University of Kentucky, USA)									
Invited	C-3-I25-001	25 Sep.	10:30	11:00	Takaaki		TSURUMI	Tokyo Institute of Technology	Origin and Microscopic Mechanism of Electro-optic Effect in Ferroelectrics
Invited	C-3-I25-002	25 Sep.	11:00	11:30	Kazumichi		NAMIKAWA	Tokyo University of Science	Ferroelectric Domain Formation in BaTiO3 Observed by Speckle Techniques
	C-3-O25-003	25 Sep.	11:30	11:45	Mamoru		SENNA	Keio University, Faculty of Science and Technology	Phase purity and sinterability of lead-free K0.5Na0.5NbO3 perovskite fine powders
	C-3-O25-004	25 Sep.	11:45	12:00	Gaku		ISOBE	The University of Tokyo	(K0.48Na0.52)NbO3 Ceramics Using Powders Synthesized by Ultrasonic Assisted Hydrothermal Method
Lunch 25 Sep. 12:00 13:30									
Chairpersons: (Sergey VAKHRUSHEV, Ioffe Institute, Russia)									
Invited	C-3-I25-005	25 Sep.	13:30	14:00	Shujun		ZHANG	The Pennsylvania State University	High Performance Piezoelectric Materials: A Review
Invited	C-3-I25-006	25 Sep.	14:00	14:30	Richard		EITTEL	University of Kentucky	Interrogation of the Thermal Degradation and Aging of High-Temperature Piezoelectric Ceramics by the Rayleigh Method
	C-3-O25-007	25 Sep.	14:30	14:45	Akitoshi		Koreeda	Tohoku University	Light Scattering from Fractal Dynamics in Relaxor Ferroelectrics
	C-3-O25-008	25 Sep.	14:45	15:00	Kenji		OHWADA	Japan Atomic Energy Agency	Synchrotron X-ray scattering study of relaxor ferroelectrics
Coffee Break 25 Sep. 15:00 15:15									
Chairpersons: (Shujun ZHANG, The Pennsylvania State University, USA)									
Invited	C-3-I25-009	25 Sep.	15:15	15:45	Sergey		VAKHRUSHEV	Ioffe Institute	Universal approach for describing diffuse scattering in perovskite ferroelectrics
	C-3-O25-010	25 Sep.	15:45	16:00	Masaki		TAKESADA	Hokkaido University	Low Frequency Phonon Behavior in Single Nanocrystal of Perovskite Oxide SrTiO3
	C-3-O25-011	25 Sep.	16:00	16:15	Ruiping		WANG	National Institute of Advanced Industrial Science and Technology	Morphotropic phase boundary in (Na0.5K0.5)NbO3-SrZrO3-(Bi0.5A0.5)TiO3 (A = K, Na, Li) solid solutions
Chairpersons: (Kenji OHWADA, Japan Atomic Energy Agency, Japan)									
Invited	C-3-I25-012	25 Sep.	16:30	17:00	Nobuo		NAKAJIMA	Hiroshima University	Resonant x-ray emission spectroscopy as a local probe method: a study of Ti off-centering in ferroelectric BaTiO3
	C-3-O25-013	25 Sep.	17:00	17:15	Yasuhiro		YONEDA	Japan Atomic Energy Agency	X-ray Emission Spectroscopy on Ta-Related Oxides
	C-3-O25-014	25 Sep.	17:15	17:30	Luis	E	FUENTES-COBAS	Advanced Materials Research Center	THE EFFECT OF TEXTURE ON PIEZOELECTRICITY
Chairpersons: (Takashi IJIMA, National Institute of Advanced Industrial Science and Technology, Japan)									
Invited	C-3-I26-001	26 Sep.	9:00	9:30	Kenji		SHIBATA	Hitachi Cable, Ltd.	(K,Na)NbO3 lead-free piezoelectric films deposited by sputtering
	C-3-O26-002	26 Sep.	9:30	9:45	Takahisa		SHIRAIISHI	Tokyo Institute of Technology	Growth of (KxNax)NbO3 films by hydrothermal method and their characterization
	C-3-O26-003	26 Sep.	9:45	10:00	Soichiro		OKAMURA	Tokyo University of Science	Piezoelectric Properties of Epitaxial BaTiO3-Bi(Mg,Ti)O3-BiFeO3 Thin Films with (100), (110) and (111) Orientations
	C-3-O26-004	26 Sep.	10:00	10:15	Takeshi		KAWAE	Kanazawa University	Microstructuring of crystallized Pb(Zr,Ti)O3 films by deliquescence of amorphous MgO
Coffee Break 26 Sep. 10:15 10:30									
Chairpersons: (Tohru HIGUCHI, Tokyo University of Science, Japan)									
	C-3-O26-005	26 Sep.	10:30	10:45	Takashi		IJIMA	National Institute of Advanced Industrial Science and Technology	Piezoelectric Response of Lead Zirconate Titanate Film Structure for Ultrasonic Transducer
	C-3-O26-006	26 Sep.	10:45	11:00	Kanako		OHTA	The University of Tokyo	Study on PZT film deposited by Ultrasonic Assisted Hydrothermal Method
	C-3-O26-007	26 Sep.	11:00	11:15	Seiji		NAKASHIMA	University of Hyogo	Structural and Ferroelectric Properties of Single Domain BiFeO3 Thin Films Prepared by RF Planar Magnetron Sputtering
	C-3-O26-008	26 Sep.	11:15	11:30	Hiroshi		NAGANUMA	Tohoku University	Enhancement of magnetization at very thin film in the multiferroic Bi(Co,Fe)O3 epitaxial films
	C-3-O26-009	26 Sep.	11:30	11:45	Katsuya		UJIMOTO	Osaka Prefecture University	Direct Piezoelectric Properties of Strain Engineered BiFeO3 Epitaxial Thin Films

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
C-3-P24-001	24 Sep.	18:00	20:00	Satoshi		WADA	University of Yamaguchi	Low Temperature Preparation of Barium Titanate / Strontium Titanate Accumulation Ceramics using Nanocube Particles and Their Dielectric Properties
C-3-P24-002	24 Sep.	18:00	20:00	Nobuhiro		KUMADA	University of Yamaguchi	Low Temperature Fabrication of Bismuth Ferrite / Barium Titanate Nano-structured Ceramics by Solvothermal Method
C-3-P24-003	24 Sep.	18:00	20:00	Kouichi		NAKASHIMA	University of Yamaguchi	Synthesis of BaZrO3 nanocrystals by wet chemical reaction
C-3-P24-004	24 Sep.	18:00	20:00	Kouichi		NAKASHIMA	University of Yamaguchi	Effect on dielectric properties of SrTiO3 necking ceramics epitaxially coated with BaTiO3
C-3-P24-005	24 Sep.	18:00	20:00	Miyabi		KOBAYASHI	University of Yamaguchi	Hydrothermal synthesis of BiFeO3 fine particles
C-3-P24-006	24 Sep.	18:00	20:00	Naoko		ITO	University of Yamaguchi	Preparation and dielectric property of (Li0.12Na0.88)NbO3-based solid solutions
C-3-P24-007	24 Sep.	18:00	20:00	Ichiro		FUJII	University of Yamaguchi	Preparation of Potassium Niobate / Barium Titanate Nano-structured Ceramics with A Wide Barium Titanate Size Distribution and Their Dielectric and Piezoelectric Properties
C-3-P24-008	24 Sep.	18:00	20:00	Ichiro		FUJII	University of Yamaguchi	Preparation of Bismuth - Based Perovskites with Non-integer A and B Site Valence and Their properties
C-3-P24-009	24 Sep.	18:00	20:00	Tetsuji		HAJEIWA	Shinshu University	Perpendicular oriented Li0-FePv/Fe(200) thin films on glass substrate
C-3-P24-010	24 Sep.	18:00	20:00	Makoto		NAKANISHI	Okayama University	Preparation and Magnetism of Lithium-substituted Zn2Y Ferrite
C-3-P24-011	24 Sep.	18:00	20:00	Masataka		SASAKI	Hokkaido University	Doping Effect of A-site ion on Dielectric Behavior in SrCu3Ti4O12
C-3-P24-012	24 Sep.	18:00	20:00	JUNTA		ZUSHI	University of Tsukuba	MPB formation in (Na0.5K0.5)NbO3-based lead-free piezoelectric ceramics
C-3-P24-013	24 Sep.	18:00	20:00	Takumi		MATSUDA	Nagoya University	Properties of Mn-doped (K,Na)NbO3-AzO3 [A: Alkaline-earth element] thin films synthesized by chemical solution deposition
C-3-P24-014	24 Sep.	18:00	20:00	Hajime		NAGATA	Tokyo University of Science	Excess Potassium Effects for Fabricating Dense KNbO3 and (Bi1/2K1/2)TiO3 Ceramics
C-3-P24-015	24 Sep.	18:00	20:00	Tohru		HIGUCHI	Tokyo University of Science	Surface Electronic Structure of BaZr1-xYxO3 by Soft-X-ray Spectroscopy
C-3-P24-016	24 Sep.	18:00	20:00	Hiroyuki		KATO	Tokyo University of Science	Hole and Ion Conductions of Sc-Doped SrTiO3 Thin Film Prepared by RF Magnetron Sputtering
C-3-P24-017	24 Sep.	18:00	20:00	Takashi		NAKAJIMA	Tokyo University of Science	Polarization Switching Properties of Metal-Ferroelectric-Semiconductor Capacitor with Ferroelectric VDF/TrFE Copolymer Thin Film
C-3-P24-018	24 Sep.	18:00	20:00	Soichiro		OKAMURA	Tokyo University of Science	Fabrication and Evaluation of Pb(Zr,Ti)O3/GaN Structures
C-3-P24-019	24 Sep.	18:00	20:00	Hiroshi		SHIMA	National Defense Academy	Electric field dependence on refractive-index change of (Pb,La)(Zr,Ti)O3 films with various La content
C-3-P24-020	24 Sep.	18:00	20:00	Takeshi		TAI	National Defence Academy	Structural investigation of SrRuO3 films prepared by sputtering method using Raman spectroscopy and X-ray photoemission spectroscopy
C-3-P24-021	24 Sep.	18:00	20:00	Takeshi		TAI	National Defence Academy	Investigation of crystal structure change in PZT powder, ceramics and polarized ceramics using raman spectroscopy
C-3-P24-022	24 Sep.	18:00	20:00	JIN	WOONG	KIM	NATIONAL DEFENSE ACADEMY	Preparation and characterization of Ba(Zrx,Ti1-x)O3 epitaxial thin films grown by reactive sputtering method