

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: Hasan GOCMEZ									
	A-5-O24-001	24 Sep.	13:30	13:50	Hideyuki		OKAMURA	Yamaguchi university	Scorodite synthesis method using UV light irradiation and oxygen injection
	A-5-O24-002	24 Sep.	13:50	14:10	Ippei		KAWANISHI	Yamaguchi University	Crystal Structure of Ba-substituted Strontium Tantalate Photocatalysts through High-Resolution Synchrotron Powder Diffraction
Chairpersons: Ryuichi KOMATSU									
	A-5-O24-003	24 Sep.	14:10	14:30	Masanori		SUEOKA	Toray Industries, Inc.	Micro/nano foaming for thermal insulation materials
	A-5-O24-004	24 Sep.	14:30	14:50	Hidetoshi		KITA	Yamaguchi University	Hydrogen Separation through Carbon Membranes from Wood Materials
Coffee Break		24 Sep.	14:50	15:15					
Chairpersons: Tomoaki WATANABE									
	A-5-O24-005	24 Sep.	15:15	15:35	Rositsa	Hristova	TITORENKOVA	Yamaguchi University	HR-TEM, Raman and IR spectroscopy study of Zn- and Mg-modified Ca-phosphate ceramics
	A-5-O24-006	24 Sep.	15:35	15:55	Katsuya		YAMAMOTO	Yamaguchi Univ.	Sputter Film Deposition in Trench and Hole
	A-5-O24-007	24 Sep.	15:55	16:15	Chanatip		SAMART	Thammasat University	Development of pH responsive polymer grafted mesoporous silica
Chairpersons: Noriaki NAKAYAMA									
	A-5-O25-001	25 Sep.	10:30	10:50	Tsutomu		SUZUKI	Kitami Institute of Technology	Highly efficient production of hydrogen from iron-loaded wood char by steam gasification
	A-5-O25-002	25 Sep.	10:50	11:10	Hiroataka		FUJIMORI	Yamaguchi University	Visualization of Deuterium Ionic Conduction in Hydroxyapatite by Neutron Diffraction
	A-5-O25-003	25 Sep.	11:10	11:30	Hiroataka		FUJIMORI	Yamaguchi University	In situ Observation of Strontium Tantalate up to 1673 K by Ultraviolet Laser Raman Spectroscopy
Lunch		25 Sep.	11:30	13:30					
Chairpersons: Hiroataka FUJIMORI									
Invited	A-5-I25-004	25 Sep.	13:30	14:15	Hasan		GOCMEZ	Dumlupinar University	The preparation and improvement of photovoltaic properties of Nb2O5 based nanocomposites electrodes for dye sensitized solar cell (DSSC)
Invited	A-5-I25-005	25 Sep.	14:15	15:00	Masahiro		YOSHIMURA	National Cheng Kung University	Nano-Structured Bioactive Ceramic Layer on Metallic Materials by Growing Integration Layer[GIL] Method in Solution
Coffee Break		25 Sep.	15:00	15:15					
Chairpersons: Masanobu KAMITAKAHARA									
	A-5-O25-006	25 Sep.	15:15	15:35	CYRIL		OCHERI	MATERIAL SOCIETY OF NIGERIA NIGERIAN METALLURGIC	MATERIALS ENGINEERING PROCESSING FOR SUSTAINABLE ENVIRONMENT AND NATIONAL DEVELOPMENT
	A-5-O25-007	25 Sep.	15:35	15:55	Noriaki		NAKAYAMA	Yamaguchi University	Structural Phase Transitions of Li2MgSiO4 and Li2MgGeO4
Chairpersons: Hiroki CHO									
	A-5-O26-001	26 Sep.	9:00	9:20	Hironori		ITOH	Yamaguchi Univ.	High Temperature In-situ Observation of Si on Substrate Repelling Si Melt
	A-5-O26-002	26 Sep.	9:20	9:40	Aneis		ANUAR	Yamaguchi Univ.	Aluminum Nitride as Protective Ultra-Thin Film
	A-5-O26-003	26 Sep.	9:40	10:00	Kazuhiro		KITAMURA	Aichi University of Education	Mechanical Property of Ti-Ni Superelastic Wire Rope
Coffee Break		26 Sep.	10:00	10:30					
Chairpersons: Terumitsu TANAKA									
	A-5-O26-004	26 Sep.	10:30	10:50	Koji		IOKU	Keio Univ.	Functional Biomaterials for Bone Regeneration
	A-5-O26-005	26 Sep.	10:50	11:10	Masanobu		KAMITAKAHARA	Tohoku Univ.	Preparation of calcium-deficient hydroxyapatite granules with bimodal surface microstructure
	A-5-O26-006	26 Sep.	11:10	11:30	Kaihei		NISHIJIMA	Yamaguchi Univ.	Improvement in Non-reciprocal Transmission Characteristics of Isolator Mounted on Coplanar Waveguide

Poster session

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A-5-P25-001	25 Sep.	18:00	20:00	Hironori		ITOH	Yamaguchi Univ.	Growth of Shaped Si Crystal Using Substrate Repelling Si Melt
A-5-P25-002	25 Sep.	18:00	20:00	Chihiro		IZAWA	Meiji University	Direct Fabrication of La2Ti2O7 Films on Titanium Metal Substrate by Hydrothermal Reaction
A-5-P25-003	25 Sep.	18:00	20:00	YUKI		MARUYAMA	Meiji Univ.	Low Temperature Synthesis of BiNbO4 by flux method
A-5-P25-004	25 Sep.	18:00	20:00	KOHEI		SHIMADA	Meiji University	Synthesis of low-temperature phase BiTaO4 by flux method
A-5-P25-005	25 Sep.	18:00	20:00	Akihiko		NAKATSUKA	Yamaguchi University	Single crystal X-ray diffraction study on atomic displacement behaviors of NaSr2Mg2V3O12 and Na3Sc2V3O12 garnets
A-5-P25-006	25 Sep.	18:00	20:00	Keiko		FUJIWARA	Yamaguchi University	Crystal Structures of Cobalt Exchanged Sodium GTS-type Titanosilicates and the Elution Test by Acid Solution
A-5-P25-007	25 Sep.	18:00	20:00	Noriaki		NAKAYAMA	Yamaguchi University	Crystal Structures and Phase Relations of Li2MnGeO4 and Li2FeGeO4
A-5-P25-008	25 Sep.	18:00	20:00	Daichi		KOTEGAWA	Oita University	Effect of Applied Strain during Repeated Heat-treatment under Constrained Strain on Mechanical and Shape Memory Properties of Ti-Ni Shape Memory Alloy
A-5-P25-009	25 Sep.	18:00	20:00	Masato		SENJU	Oita University	Fabrication and Output Power Characteristics of Heat-Engine using Shape Memory Alloy Spiral Spring Actuator
A-5-P25-010	25 Sep.	18:00	20:00	Tatsuya		USHIRODA	Oita University	Effect of Heat Treatment Conditions on Deformation Behavior of Ti-50.3at%Ni Shape Memory alloy
A-5-P25-011	25 Sep.	18:00	20:00	Fuyumi		ITO	Japan Atomic Energy Agency	Fabrication of Micro Capsule Packed with Fluorescent Magnetic Particles for Crack Inspection on Piping System
A-5-P25-012	25 Sep.	18:00	20:00	Tung-Wen		CHENG	Tamkang University	Hydrophobic Microporous Polymer Membranes in Sea Water Desalination for Water Production
A-5-P25-013	25 Sep.	18:00	20:00	Yuka		MACHIYA	Ehime University	synaptic-structured conjugated polymer
A-5-P25-014	25 Sep.	18:00	20:00	Kazuo		KASATANI	Graduate School of Science and Engineering, Yamaguchi University	Phase Transition of Organic Nanoparticles
A-5-P25-015	25 Sep.	18:00	20:00	Kazuo		KASATANI	Graduate School of Science and Engineering, Yamaguchi University	Organic Nanoparticles with High Fluorescence Quantum Yield
A-5-P25-016	25 Sep.	18:00	20:00	Terumitsu		TANAKA	Kyushu University	Micromagnetic calculation of permeability spectra for micro-structured ferromagnetic thin film
A-5-P25-017	25 Sep.	18:00	20:00	Terumitsu		TANAKA	Kyushu University	Simulation of quantized standing spin waves in the Fabry-Perot type resonator consisted of magnetic nanosized waveguides
A-5-P25-018	25 Sep.	18:00	20:00	Mustafa		TUNCER	Dumlupinar University	Preparation and Photocatalytic Activities of TiO2-ZrO2 Composite Materials Prepared by Supercritical CO2 Process