

## Oral Session

Keynote/Invited	Presentation NO	Presentation date	Time to start	Time to finish	Account: First name	Account: FAMILY NAME	Account: Affiliation	Abstract title
Chairpersons: Riko OZAO								
Keynote	D-2-K24-001	24 Sep.	10:30	11:20	Yuichi	TOKITA	Sony Corporation	Recent progress and future strategy of Sony's biofuel cell
	D-2-O24-002	24 Sep.	11:20	11:40	Kiminori	USHIDA	Kitasato University	Extraction and Identification of Jellyfish Mucin (qniumucin): A New Multifunctional and Biodegradable Material
	D-2-O24-003	24 Sep.	11:40	12:00	Shukichi	TANAKA	NEC Corp.	Mechanical, thermal and hydrophobic properties of cellulose diacetate bonded with cardanol and aromatic components
Lunch		24 Sep.	12:00	13:30				
Chairpersons: Takahisa TSUGOSHI								
Invited	D-2-I24-004	24 Sep.	13:30	14:00	Li-Xian	SUN	Dalian Institute of Chemical Physics	Studies on Novel Hydrogen Storage and Phase Change Materials
	D-2-O24-005	24 Sep.	14:00	14:20	Nobuyoshi	KOGA	Hiroshima University	Extraction of Kinetic Information from a Single Thermoanalytical Curve of Thermal Decomposition of Solids by Nonlinear Least Square Analysis
	D-2-O24-006	24 Sep.	14:20	14:40	Claude	DEGUELDRE	PSI	Curium speciation in irradiated plutonium uranium mixed oxide.
	D-2-O24-007	24 Sep.	14:40	15:00	KIKUO	FUJIWARA	Wavelock Holdings Co.,Ltd	Application of wide parameter range visualization techniques to material development
Coffee Break		24 Sep.	15:00	15:15				
Chairpersons: Yuko NISHIMOTO								
Invited	D-2-I24-008	24 Sep.	15:15	15:50	Yibin	XU	National Institute for Materials Science	NIMS Databases for Materials Selection and Materials Design
	D-2-O24-009	24 Sep.	15:50	16:10	Nobuo	UEHARA	Utsunomiya University	Discrimination of types of surfactants with using thermoresponsive polymers and fluorophore
Invited	D-2-I24-010	24 Sep.	16:10	16:40	Ralf	ZIMMERMANN	University of Rostock and Helmholtz Zentrum Munchen	On-line coupling of Thermal Analysis to soft Photo Ionisation- TOF-Mass Spectrometry for organic profiling of evolved gases: New instrumental concepts and applications
	D-2-O24-011	24 Sep.	16:40	17:00	Takahisa	TSUGOSHI	AIST	Polymer Discrimination Using Skimmer Interface-Connected [TG/DTA]/ [Ion Attachment Ionization-TOFMS]

## Poster session

Presentation NO	Presentation date	Time to start	Time to finish	Account: First name	Account: FAMILY NAME	Account: Affiliation	Abstract title
D-2-P24-001	24 Sep.	18:00	20:00	Jae Won	LJM	Korea Institute of Geoscience & Mineral Resources	Preparation and Purity Evaluation of Titanium Powder with Low Oxygen Concentration using Calcium Deoxidizer
D-2-P24-002	24 Sep.	18:00	20:00	Saki	YAMADA	Kanagawa Univ.	VOC-Adsorption and Desorption Properties of Charcoal and Woodceramics Prepared from Apple waste
D-2-P24-003	24 Sep.	18:00	20:00	Eita	SHIMODA	Kanagawa Univ.	Water State in Methylcellulose Thermo Reversible Hydrogels Containing Salt and Polyethylene glycol
D-2-P24-004	24 Sep.	18:00	20:00	Yuya	SASAKI	Kanagawa Univ.	Analytical Study for Deodorization and Bactericidal Effects of Fine Water Droplets Generated by Electrostatic Atomization
D-2-P24-005	24 Sep.	18:00	20:00	Yutaka	SAWADA	Tokyo Polytechnic University	Aluminum-doped Zinc Oxide Transparent Conducting Films Prepared by Spray Chemical Vapor Deposition in Open-Air Atmosphere and Post-Deposition Annealing
D-2-P24-006	24 Sep.	18:00	20:00	Yutaka	SAWADA	Tokyo Polytechnic University	Tin Oxide Transparent Conducting Films Fabricated by Spray Chemical Vapor Deposition on Alkali Glass Substrate
D-2-P24-007	24 Sep.	18:00	20:00	Takuya	ISHII	Waseda Univ.	Change in Social Consciousness on Eco-materials before and after the Great East Japan Earthquake, Studied by Data Mining of Web Database, Eco-MCPS
D-2-P24-008	24 Sep.	18:00	20:00	Tomoyuki	TATSUOKA	Hiroshima University	Application of Humidity Controlled TG to the Thermal Dehydration of Inorganic Gels
D-2-P24-009	24 Sep.	18:00	20:00	Shuto	YAMADA	Kyushu University	Deconvolution of Thermoanalytical Curves for the Overlapped Kinetic Processes in the Solid State: Thermal Decomposition of Silver Carbonate
D-2-P24-010	24 Sep.	18:00	20:00	Maho	YOSHIZUMI	ULVAC-RIKO, Inc.	Thermal Conductivity Evaluation of Polymeric Thin Film by Thermal Conductivity meter in thin film at Nano scale by 2-omega method (TCN-2 omega)
D-2-P24-011	24 Sep.	18:00	20:00	Naoki	HIRAYAMA	Toho University	Salting-out Phase Separation of Water-Tetrahydrofuran System with Adding a Hydrophilic Ionic Liquid and Its Possible Use for Extraction Separation Chemistry
D-2-P24-012	24 Sep.	18:00	20:00	Naoki	KANAYA	Chiba Univ.	A Comparative Study of Macrocyclic Trinuclear (Anisole)ruthenium(II) Complex and Oxacalix[3]arene Methyl Ether as Ionophores for Alkali Metal Ions
D-2-P24-013	24 Sep.	18:00	20:00	Hirofumi	TSURUTA	Kyushu University	Polymer Conformation at the Solid Interface
D-2-P24-014	24 Sep.	18:00	20:00	Yoshikuni	MUMANAMI	Utsunomiya University	Fabrication gold nanocomposites to probe bio-molecules
D-2-P24-015	24 Sep.	18:00	20:00	Yoshiyuki	SEKI	Tokyo Polytechnic University	Formation Process of Tin Dioxide Transparent Conducting Films From Tin 2-Ethylhexanoate
D-2-P24-016	24 Sep.	18:00	20:00	Yoshiyuki	SEKI	Tokyo Polytechnic University	Aluminum-Doped Zinc Oxide Transparent Conducting Films Fabricated by Dip Coating on Alkali Glass Substrate
D-2-P24-017	24 Sep.	18:00	20:00	Sahoko	ICHIHARA	Mie University	Cytotoxicity induced by nano-sized titanium dioxide in human monocytic leukemia cells (THP-1)
D-2-P24-018	24 Sep.	18:00	20:00	Toshiyuki	SUZUKI	PerkinElmer Japan	Thermo physical properties of the cast films of the PLLA are adopted in the MeCD by the DSC and Raman spectroscopy simultaneous measurement (DSC-Raman).
D-2-P24-019	24 Sep.	18:00	20:00	Masato	OSHIMA	Faculty of Engineering, Tokyo Polytechnic University	Construction of water quality experiments in conjunction with qualification education for students in chemistry by using water environment around Atsugi
D-2-P24-020	24 Sep.	18:00	20:00	Kiwamu	ODA	Nagoya Municipal Industrial Research Institute	Evaluations of interactions for millimeter-wave and their thermal properties in the electronic materials
D-2-P24-021	24 Sep.	18:00	20:00	Taisuke	UTSUMI	Sony Institute of Higher Education	User Behavior in Eco-MCPS Database Website Through Referrer Analysis
D-2-P24-022	24 Sep.	18:00	20:00	Riko	OZAO	Sony Institute of Higher Education	Environmental Consciousness in Japan on Energy-Saving Materials and Products-Data Analysis of Eco-MCPS, a Web-database for Ecomaterials