

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:									
Keynote	C-7-K24-001	24 Sep.	10:30	11:15	Michael		GRUNZE	University of Heidelberg	Physical Chemistry of non-fouling oligo (ethylene oxide) terminated Self Assembled Monolayers
Invited	C-7-I24-002	24 Sep.	11:15	11:45	Matsuhiko		NISHIZAWA	Tohoku University	In-Vitro Contraction Assay for Skeletal Muscle Cells Using Soft, Moist Electrodes Made of Hydrogels
Invited	C-7-I24-003	24 Sep.	11:45	12:15	Tsuyoshi		SEKITANI	University of Tokyo	Ultra-thin, -light, -flexible organic integrated circuits for bio/medical applications
Lunch		24 Sep.	12:15	13:30					
Chairpersons:									
Invited	C-7-I24-004	24 Sep.	13:30	14:00	Takanori		ICHIKI	The University of Tokyo	A Strategy toward the High-Throughput Analysis of Biomolecular Function Using a Large-Scale-Integrated Microarray Platform
Invited	C-7-I24-005	24 Sep.	14:00	14:30	Takuya		MATSUMOTO	Osaka University	Redox-active huge molecular network exhibiting noise-induced stochastic enhancement
	C-7-O24-006	24 Sep.	14:30	14:50	Xinxin		WANG	Graduate School of Engineering, Nagoya Institute of Technology	Fabrication of the Ordered Metal Coordinated Peptide Nano-Arrays as Novel Nano-Reactor
	C-7-O24-007	24 Sep.	14:50	15:10	Toshinori		MORISAKU	Tokyo University of Science	Noncontact Measurements on the Mechanical Properties of Biological Membranes in Single Living Cells by the Laser-Induced Surface Deformation Microscope
Coffee Break		24 Sep.	15:10	15:15					
Chairpersons:									
	C-7-O24-008	24 Sep.	15:15	15:35	Damien		Hall	University of Tsukuba	The HHH (H3) index: A novel procedure for measuring the bio-interfacial chemical properties of amyloid.
	C-7-O24-009	24 Sep.	15:35	15:55	Keiko		TAWA	AIST	Rapid and Sensitive Detection in ELISA system with a Plasmonic Chip
	C-7-O24-010	24 Sep.	15:55	16:15	Tamitake		ITOH	National Institute of Advanced Industrial Science and Technology (AIST)	Clarification of electromagnetic mechanism of surface-enhanced Raman scattering and application to single yeast cells
	C-7-O24-011	24 Sep.	16:30	16:50	Mina		OKOCHI	Nagoya University	The design of the biomarker specific peptide probe and label-free colorimetric detection using aggregation of unmodified silver nanoparticles
Invited	C-7-I24-012	24 Sep.	16:50	17:20	Kazue		KURIHARA	Tohoku University	Characterization of Confined Liquids by Surface Force measurement
Invited	C-7-I24-013	24 Sep.	17:20	17:50	Hidenori		OTSUKA	Tokyo University of Science	Nanofabrication of Nonfouling Surfaces for Biomedical Application
Chairpersons:									
Invited	C-7-I25-001	25 Sep.	10:30	11:00	Scott		SAAVEDRA	University of Arizona	Poly(Lipid) Supramolecular Assemblies: Structure, Receptor Functionalization, and Bioanalytical Applications
Invited	C-7-I25-002	25 Sep.	11:00	11:30	Kin-ichi		TSUNODA	Gunma University	Waveguide Spectroscopy for Liquid/Liquid Interface Studies
	C-7-O25-003	25 Sep.	11:30	11:50	Naoki		MATSUDA	AIST	In situ observation of cytochrome c functionality on solid/liquid interfaces by slab optical waveguide spectroscopy
	C-7-O25-004	25 Sep.	11:50	12:10	Tomoyuki		YASUKAWA	University of Hyogo	Highly-sensitive immunosensing method based on dual amplification systems
	C-7-O25-005	25 Sep.	12:10	12:30	Zhipeng		WANG	Hosei University	Electrochemical Determination of NADH Based on Carbon Nanosheets Electrode
Lunch		25 Sep.	12:30	13:30					
Chairpersons:									
	C-7-O25-006	25 Sep.	13:30	13:50	Tomoyuki		KOGA	Doshisha University	Functional Peptide-Polymer Hybrid Films Inspired by Spider Silk Structure
	C-7-O25-007	25 Sep.	13:50	14:10	Masaharu		KONDO	Nagoya Institute of Technology	Self-Assembly of photosynthetic membrane protein - pigment complexes onto electrodes and their photocurrent characteristics
	C-7-O25-008	25 Sep.	14:10	14:30	Koichi		NISHIO	The University of Tokyo	Membrane-Permeable Phospholipid Polymer Shutling Electrons between Cytoplasm and Electrode
	C-7-O25-009	25 Sep.	14:30	14:50	Takanori		TAMAKI	Tokyo Institute of Technology	High-Surface-Area Three-Dimensional Enzymatic Biofuel Cell Electrode Made of Redox-Polymer Grafted Carbon Black
Coffee Break		25 Sep.	14:50	15:15					
Chairpersons:									
	C-7-O25-010	25 Sep.	15:15	15:35	Hitoshi		SHIKU	Tohoku University	Electrochemical imaging device to characterize developmental potential of mouse embryoid bodies
	C-7-O25-011	25 Sep.	15:35	15:55	Eduard		BRYNDA	Institute of Macromolecular Chemistry, Academy of Sciences of the Czech Republic	Bioactive Interfaces Resistant to Fouling from Blood Plasma
Invited	C-7-I25-012	25 Sep.	15:55	16:25	Tomohiro		HAYASHI	Tokyo Institute of Technology	Surface force analysis of nonfouling self-assembled monolayers
Invited	C-7-I25-013	25 Sep.	16:30	17:00	VARVARA		KARAGKIOZAKI	Lab for Thin Films -Nanosystems & Nanometrology, Aristotle University of Thessaloniki	Organic Bioelectronics in Nanomedicine: New perspectives in Cardiovascular Field
Invited	C-7-I25-014	25 Sep.	17:00	17:30	Masaru		TANAKA	Yamagata University	Surface and Interface of Bio/Blood Compatible Polymers -Design of 2D/3D Biointerfaces and the Compatibility Mechanism-
Invited	C-7-I25-015	25 Sep.	17:30	18:00	STERGIOS		LOGOTHETIDIS	Lab for Thin Films - Nanosystems & Nanometrology Physics Department, Aristotle University of Thessaloniki	Spectroscopic Ellipsometry for monitoring Protein Adsorption Mechanisms on Conductive Polymers for Biomedical Devices

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-7-P24-001	24 Sep.	18:00	20:00	Eisuke		KOBAYASHI	Tokyo Institute of Technology	Clarification of the key heme in cytochrome c3 to the electron pool effect by highly sensitive EQCM technique
C-7-P24-002	24 Sep.	18:00	20:00	Sanghoon		SIM	Tokyo Institute of Technology	Direct electrochemical analysis of cytochrome c3
C-7-P24-003	24 Sep.	18:00	20:00	Nayuta		FUNAKI	Saitama University	Sugar-Displaying InP Quantum Dot Fabricated by Solvothermal Process
C-7-P24-004	24 Sep.	18:00	20:00	Hidenobu		AIZAWA	Advanced Industrial Science and Technology (AIST)	Synthesis of Well-Defined Polymer Brush by Atom Transferred Radical Polymerization Based on Plasma Polymerized Films
C-7-P24-005	24 Sep.	18:00	20:00	Hiroshi		YAMADA	National Defense Academy	Potassium sensitive micro/sub-micro-electrode for Shear Force based Scanning Electrochemical Microscopy
C-7-P24-006	24 Sep.	18:00	20:00	Kazunari		SHINBO	Niigata University	In-situ Observation of a Copper Phthalocyanine Layer-by-layer Thin Film Deposition Using Surface Plasmon Resonance and Optical Waveguide Spectroscopies
C-7-P24-007	24 Sep.	18:00	20:00	Shinya		KUMAGAI	Toyota Technological Institute	Self-Assembly Patterning of Nanomaterials using Electrostatic Interaction
C-7-P24-008	24 Sep.	18:00	20:00	Yusuke		IKENAGA	Tokyo University of Science	Physicochemical and biological characterization of the PEG-b-Py copolymer at the interface
C-7-P24-009	24 Sep.	18:00	20:00	Masaru		TANAKA	Yamagata University	Growth Inhibition of Human Cancer Cells on Biocompatible Surfaces