

## 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
Opening Remarks									
Chairperson: Masamichi YAMANAKA(Shizuoka University)									
Keynote	C-2-K24-001	24 Sep.	10:35	11:25	Bing		XU	Brandeis University	Integrating Enzymatic Reactions and Molecular Self-Assembly for Approaches and Applications of Supramolecular Hydrogels
Chairperson: (Nobuyoshi MIYAMOTO, Fukuoka Institute of Technology)									
Invited	C-2-I24-002	24 Sep.	11:25	12:00	Hiroyasu		FURUKAWA	UCLA	The Design and Synthesis of Metal-Organic Frameworks with Ultra-High Porosity and Large Pore Apertures
Lunch									
Chairperson: Takashi NAKANISHI(National Institute for Materials Science)									
	C-2-O24-003	24 Sep.	13:30	13:45	Tatsuya		NISHIMURA	The University of Tokyo	Development of Self-Organized Polymer/Inorganic Composites by Using Oriented Polymer Templates
	C-2-O24-004	24 Sep.	13:45	14:00	Masamichi		YAMANAKA	Shizuoka University	Supramolecular Gel Electrophoresis (SUGE) for Protein Separation
	C-2-O24-005	24 Sep.	14:00	14:15	Tomoyuki		TAJIMA	Okayama University	Fabrication of Novel Core-Shell Microspheres Consisting of Single-Walled Carbon Nanotubes and CaCO <sub>3</sub> through Biomimetic Mineralization
Chairperson: Masamichi YAMANAKA(Shizuoka University)									
	C-2-O24-006	24 Sep.	14:15	14:30	Qingshuo		WEI	National Institute of Advanced Industrial Science and Technology	Organic Floating Gate Memory by Using Nanoparticle-Driven Assembled Block Copolymers as Charge-Trapping Layers
	C-2-O24-007	24 Sep.	14:30	14:45	Ayae		SUGAWARA-NARUTAKI	The University of Tokyo	Formation of Nanofibers from Elastin-Derived Block Polypeptides
	C-2-O24-008	24 Sep.	14:45	15:00	Akihiro		KISHIMURA	The University of Tokyo	Development of Polyion Complex Vesicles (PICsomes) and Other Nano-architectures through Careful Tuning of Polymer Compositions
Coffee break									
Chairperson: Kazuhiro YABUCHI(Chubu University)									
Invited	C-2-I24-009	24 Sep.	15:15	15:50	Akira		KAKUGO	Hokkaido University	How to Integrate Bio-molecular Motors towards Bio-Actuators Fueled by ATP
Chairperson: Kazunori MATSUURA(Tottori University)									
Invited	C-2-I24-010	24 Sep.	15:50	16:25	Nobuo		KIMIZUKA	Kyushu University	Development of Coordination Nanosystems Based on Self-Assembly
Chairperson: Yutaka TAKAGUCHI(Okayama University)									
Invited	C-2-I24-011	24 Sep.	16:25	17:00	Yutaka		MATSUO	The University of Tokyo	Liquid Crystals and Self-assembled Monolayers of Poly(aryl)fullerenes and Their Transition-metal Complexes
Chairperson: Tatsuya NISHIMURA(The University of Tokyo)									
	C-2-O24-012	24 Sep.	17:00	17:15	Daisuke		TANAKA	Ryukoku University	Liquid Crystal Phase Transitions between Smectic A and Rectangular Columnar Mesophases with the Alternative Change of Rod and Disc of Molecular Shape
	C-2-O24-013	24 Sep.	17:15	17:30	Hafiz	Ashraf	HAQUE	Nagoya University	Role of Underlying Amorphous Polymer Layers on the Liquid Crystalline Azobenzene Mesogens in the Ultrathin Diblock Copolymer Brushes
	C-2-O24-014	24 Sep.	17:30	17:45	Shiki		YAGAI	Chiba University	Supramolecular Construction of J-type Nanoring and H-type Nanorod
Chairperson: Shiki YAGAI (Chiba University)									
Invited	C-2-I25-001	25 Sep.	10:30	11:05	Hiroimitsu		MAEDA	Ritsumeikan University	Ion-Based Assemblies Comprising pi-Conjugated Molecules
	C-2-O25-002	25 Sep.	11:05	11:20	Christopher	Holman	HENDON	University of Bath	Principles of Design: Physical Properties of Metal-Organic Frameworks
Chairperson: Takashi NAKANISHI (National Institute for Materials Science)									
Invited	C-2-I25-003	25 Sep.	11:20	11:55	Takashi		UEMURA	Kyoto University	Coordination Nanospaces for Creating Functional Polymer Materials
Lunch									
Chairperson: Masahiro FUNAHASHI (Kagawa University)									
	C-2-O25-004	25 Sep.	13:30	13:45	Takahiro		SEKI	Nagoya University	Driving Meso- and Microstructures by Light
	C-2-O25-005	25 Sep.	13:45	14:00	Yi-kang		LAN	National Tsing Hua University	Nucleation of Polymer Crystals in the Semi-dilute State
	C-2-O25-006	25 Sep.	14:00	14:15	Venkatachalam		SHANMUGAM	National Institute of Advanced Industrial Science and Technology	Preparation and Optimization of Nanostructured TiO <sub>2</sub> Thin films for Dye-Sensitized Solar Cell Applications
Chairperson: Kazuhiro YABUCHI (Chubu University)									
	C-2-O25-007	25 Sep.	14:15	14:30	Yusuke		FUNATSU	Kagawa University	Ferroelectric Liquid Crystal Bearing a Terthiophene Moiety
	C-2-O25-008	25 Sep.	14:30	14:45	Masafumi		YOSHIO	The University of Tokyo	Bicontinuous Cubic Liquid-Crystalline Assemblies for Ion Transportation
	C-2-O25-009	25 Sep.	14:45	15:00	Teruyuki		NAKATO	Kyushu Institute of Technology	Electric Alignment and Photocatalysis of Colloidal Liquid Crystals of Semiconducting Oxide Nanosheets
Coffee break									
Chairperson: Teruaki HAYAKAWA (Tokyo Institute of Technology)									
Invited	C-2-I25-010	25 Sep.	15:15	15:50	Koji		ASAKAWA	Toshiba Corporation	Self-Assembled Lithography and Applications to Electronic Devices
Chairperson: Shiki YAGAI (Chiba University)									
	C-2-O25-011	25 Sep.	15:50	16:05	Rintaro		HIGUCHI	Kumamoto University	Photovoltaic Cells Based on Poly(azomethine)s Prepared by Chemical Liquid Deposition
	C-2-O25-012	25 Sep.	16:05	16:20	Yutaka		TAKAGUCHI	Okayama University	Photosensitized Hydrogen Evolution from Water Using a Single-Walled Carbon Nanotube/Fullerendendron/SiO <sub>2</sub> Coaxial Nanohybrid
Chairperson: Yutaka TAKAGUCHI (Okayama University)									
	C-2-O25-013	25 Sep.	16:20	16:35	Teruaki		HAYAKAWA	Tokyo Institute of Technology	Silicon-Containing Side Chain Polymer with 5 nm Features for Lithographic Material
	C-2-O25-014	25 Sep.	16:35	16:50	Masahiro		FUNAHASHI	Kagawa University	High Electron Mobility Exceeding 0.1 cm <sup>2</sup> /Vs in an Ordered Columnar Phase of Perylene Tetracarboxylic Bisimide Derivatives Bearing Disiloxane Chains
	C-2-O25-015	25 Sep.	16:50	17:05	Takashi		NAKANISHI	National Institute for Materials Science	Blue Luminescent, Solvent-Free, Room Temperature Liquid OPVs towards Preparation of White Light Emitting Ink
Chairperson: Takashi KATO (The University of Tokyo)									
Keynote	C-2-K25-016	25 Sep.	17:05	17:55	Cassandra	L	FRASER	University of Virginia	Reversible Mechanochromic Luminescent Difluoroboron Beta-Diketones
Chairperson: Minoru OSADA (National Institute for Materials Science)									
Keynote	C-2-K26-001	26 Sep.	9:00	9:50	Michel		WONG CHI MAN	Ecole Nationale Supérieure de Chimie de Montpellier	Sol-gel Hybrid Silicas and Their Functionalisation
Chairperson: Kazunori MATSUURA (Tottori University)									
	C-2-O26-002	26 Sep.	9:50	10:05	Toshiki		SAWADA	Tokyo Institute of Technology	Construction of Organic-Inorganic Hybrid Materials Composed of Gold Nanoparticles and Filamentous Viruses
	C-2-O26-003	26 Sep.	10:05	10:20	Takeshi		SAKAMOTO	The University of Tokyo	Photoimaging of Inorganic/Polymer Self-Organized Hybrid Materials
Coffee break									
Chairperson: Teruaki HAYAKAWA (Tokyo Institute of Technology)									
Invited	C-2-I26-004	26 Sep.	10:30	11:05	Chi-An		DAI	National Taiwan University	Phase Behavior of Self-Assembling Block Copolymers Containing pi-Conjugated Semi-Rigid Poly (3-hexyl thiophene): From Nanowires to Gyroids
Chairperson: Nobuyoshi MIYAMOTO (Fukuoka Institute of Technology)									
	C-2-O26-005	26 Sep.	11:05	11:20	Karol		MISZTA	Italian Institute of Technology	Hierarchical Self-Assembly of Suspended Branched Colloidal Nanocrystals into Superlattice Structures
	C-2-O26-006	26 Sep.	11:20	11:35	Yasuyuki		ISHIDA	Toray Industries, Inc.	Anti-Reflection Film Made by Self-Arrangement-Coating of Nano-Size Particles
	C-2-O26-007	26 Sep.	11:35	11:50	Minoru		OSADA	National Institute for Materials Science	Controlled Assembly of Two-Dimensional Oxide Nanosheets
Overview									

## 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-2-P25-001	25 Sep.	18:00	20:00	Kei		FUKUHARA	Nagoya University	Induced Planer Alignment and Photo-reorientation of Liquid Crystalline Azobenzene Block Copolymer Consisting of Polystyrene
C-2-P25-002	25 Sep.	18:00	20:00	Nozomi		TAKEUCHI	Kagawa University	Synthesis and Mesomorphic Properties of New n-Type Liquid Crystalline Semiconductor based on Perylene Sskeleton
C-2-P25-003	25 Sep.	18:00	20:00	Kotaro		SHIMASAKI	Fukuoka Institute of Technology	Anisotropic Hydrogels with Mechanical Toughness Synthesized By Gamma-ray Radiation to poly(N-isopropylacrylamide) / Liquid Crystalline Inorganic Nanosheets Mixtures
C-2-P25-004	25 Sep.	18:00	20:00	Masato		MITANI	The University of Tokyo	Mechanochromic Photoluminescent Liquid Crystals
C-2-P25-005	25 Sep.	18:00	20:00	Nobuyoshi		MIYAMOTO	Fukuoka Institute of Technology	Sub-micrometer Scale Lamellar Structure and Structural Colors in the Inorganic Nanosheet Liquid Crystals of Layered Perovskites KCa <sub>2</sub> Na <sub>3-n</sub> NbO <sub>3n+1</sub> (n = 3, 4 and 5)
C-2-P25-006	25 Sep.	18:00	20:00	Masahiro		FUNAHASHI	Kagawa University	Vacuum Sublimation of Liquid-Crystalline Phenylterthiophene Derivative
C-2-P25-007	25 Sep.	18:00	20:00	Yuko		KAMA	Nagoya University	Vertically Aligned Hexagonal Mesostuctures of Silica/Block Copolymer Surfactants Hybrid Films Induced by Sphere-Cylinder Phase Transition
C-2-P25-008	25 Sep.	18:00	20:00	Omer	Faruk	MUTAF	The University of Tokyo	Investigation on the morphology of polyion complexes prepared from optically active polypeptides
C-2-P25-009	25 Sep.	18:00	20:00	Yin-Nan		YAN	Hokkaido University	Dielectric Properties of 3-Fluoro-1-adamantylammonium / Crown Ethers Supramolecular Rotators in [Ni(dmit) <sub>2</sub> ] Salts
C-2-P25-010	25 Sep.	18:00	20:00	Sufang		GUO	The University of Tokyo	Synthesis and Characterization of Ordered Siloxane-Azobenzene Hybrid Materials with Photo-responsive Property
C-2-P25-011	25 Sep.	18:00	20:00	Zunqi		LIU	Hokkaido University	Crystal Structures and Dielectric Properties of (Aminopyridinium) ([18]crown-6 Derivatives)[Ni(dmit) <sub>2</sub> ] Salts
C-2-P25-012	25 Sep.	18:00	20:00	Chikako		KOMEDA	Nara Institute of Science and Technology	Development of a Photo-sensitive Drug Carrier based on Cleavage of PEG Lipids Triggered by Photosensitizer-generated Reactive Singlet Oxygen
C-2-P25-013	25 Sep.	18:00	20:00	Kazuhiro		YABUCHI	Chubu University	Development of New Organogelators Containing a Triphenylimidazole Core
C-2-P25-014	25 Sep.	18:00	20:00	Kazuuya		KUBO	Hokkaido University	Crystal Structures and Physical Properties of [MnICrH(oxalate)] <sub>3</sub> - salts with Supramolecular Rotators
C-2-P25-015	25 Sep.	18:00	20:00	Takaaki		WADA	Okayama University	Photosensitized Hydrogen Evolution from Water Using SWCNT/Fullerendendron/Pt Nanohybrids
C-2-P25-016	25 Sep.	18:00	20:00	Ko-hei		OTANI	Okayama University	Preparation of SWCNT/CaCO <sub>3</sub> Nanohybrid Using Poly(amidoamine) Dendrimer Having 1,10-Bis(decyloxy)decane Core
C-2-P25-017	25 Sep.	18:00	20:00	Kazunori		MATSUURA	Tottori University	Sequence Dependence of Self-assembling Behavior of Viral beta-Annulus Peptides