

Fundamental Science of Materials:

- FP01 Masanori Fujii (Kyushu University, Japan): Desorption of gold clusters from mouse tissue sections
- FP02 Andrey Zdravkov (Russian Academy of Sciences, Russia): The development of new route to yttrium-aluminium garnet nanoparticles
- FP03 Andrey Zdravkov (Russian Academy of Sciences, Russia): Synthesis of mesoporous titania nanocrystals in solvothermal conditions
- FP04 Atsushi Yonezawa (Nagasaki University, Japan): Preparation of ZnO nanoparticles/PMMA hybrid materials
- FP05 Paola G. Pittoni (National Taiwan University of Science and Technology, Taiwan): “Stick-slip” Phenomenon in Wetting of Graphite by Molten Silver at High Temperature
- FP06 Shuhei Nozaki (Nagasaki University, Japan): Structure-Properties Relationships for Polyurethane Elastomers based on Cycloaliphatic Diisocyanate with a Symmetric Structure
- FP07 Riku Takahashi (Hokkaido University, Japan): Super-structure formation of liquid crystalline polymer by swelling mismatching
- FP08 Shoto Hasegawa (University of Hyogo, Japan): Aggregation Behavior of Cholesteryl Groups-Containing Homopolymer and Amphiphilic Diblock Copolymer
- FP09 Masashi Morihara (University of Hyogo, Japan): Preparation of liquid marbles by thermo-responsive polymers
- FP10 Askhat Gumerov (Kazan National Research Technological University, Russia): Supramolecular organization of metal coordinated polyurethanes and their specific properties
- FP11 An-Tsung Kuo (National Cheng Kung University, Taiwan): Molecular Dynamics Study of Catanionic Bilayers Composed of Ion Pair Amphiphile with Cholesterol

- FP12 Yong-Yu Jhan (National Yang-Ming University, Taiwan): Salt effects on the phase behaviors of zwitterionic poly(SBMA) aqueous solutions
- FP13 Chi-Wei Chung (National Chin-Yi University of Technology, Taiwan): Preparation of Transparent Polyimide Films Containing Alumina Nanosheets Templated by Graphene Oxide
- FP14 Keita Kuroda (University of Hyogo, Japan): Polydimethylsiloxane surface coating by biocompatible amphiphilic diblock copolymers
- FP15 Hinari Nakagawa (University of Hyogo, Japan): Synthesis of block copolymers comprising biocompatible conjugated and unconjugated monomers via TERP
- FP16 Yen-Lung Huang (National Taiwan University, Taiwan): Effect of Contact Angle on the Liquid Transfer in the Gravure Offset Printing
- FP17 Ting-Han Tseng (National Cheng Kung University, Taiwan): Creation of Slippery Surfaces with Omniphobicity from Teflon through Sacrificial Particles and Infused Perfluorinated Fluid
- FP18 Wan-Yun Chiang (National Chin-Yi University of Technology, Taiwan): Characteristics of Colorless Polyethersulfone/Polyimide Composite Films
- FP19 Vladimir E. Silantev (Russian Academy of Sciences, Russia): Chitosan-Clay Films Formed Through in Situ Charging of Polysaccharide
- FP20 Atsushi Nagae (University of Hyogo, Japan): Polyion complex micelle with thermo-responsive shell
- FP21 Ryusuke Enomoto (University of Hyogo, Japan): Self-Association of Dual pH-Responsive Diblock Copolymers
- FP22 Wahyu Diyatmika (National Taiwan University of Science and Technology, Taiwan): Introducing Various Thin Films as Underlayers for Sn Whisker Mitigation

- FP23 Yang-Kai Huang (National Taiwan University, Taiwan): Direct Writing Conductive Metal Thin Film Generation from Dopamine Patterns
- FP24 Chen Shih Pin (National Taiwan University, Taiwan): Stretchable Nano-Composite Silver Thin Films with High Conductivity and Mechanical Stability
- FP25 Mohamed H. A. Alaalam (Elmargab University, Libya): The Effect of Sintering Temperature and Silicon Carbide Percent on the Microstructure and Hardness Values

Materials on Environmental Science:

- CP01 Raushan Taubaeva (al-Farabi Kazakh National University, Kazakhstan): Flocculation of kaolin hydrosuspension water-soluble polymers and their associates
- CP02 Dong-Hau Kuo (National Taiwan University of Science and Technology, Taiwan): Flexible Polyurethane-SiO₂/TiO₂ hybrid nanocomposites for photocatalytic degradation of Acid Black 1 (AB 1)
- CP03 Puthalappatu ReddyPrasad (National Taiwan University of Science and Technology, Taiwan): Selective detection of copper ion by a tetradentate ligand sensor

Materials on Biomedical Science:

- BP01 Eugene Sivtsov (Saint-Petersburg State Institute of Technology, Russia): RAFT polymerization as a universal means for synthesis of biomedical copolymers on the base of N-vinyl succinimide
- BP02 Raushan Taubaeva (al-Farabi Kazakh National University, Kazakhstan): Immobilization of rifampicin on calcium alginate hydrogels
- BP03 Osamu Shibata (Nagasaki International University, Japan): Solution behavior of gemini surfactants with different spacer lengths in aqueous media
- BP04 Hiromichi Nakahara (Nagasaki International University, Japan): Examination of solubilization of n-alkylbenzene into micelles of typical gemini surfactant

- BP05 Sumiko Hamanaka (RIKEN, Japan): Lipids of murine hair: Immunohistochemical, immunofluorescence, and biochemical analyses
- BP06 Takayuki Nonoyama (Hokkaido University, Japan): Hydroxyapatite Mineralization in Tough Double Network Hydrogels Inspired from Living Hard Tissues
- BP07 D. K. Ukibayev (Kazakh National Agrarian University, Kazakhstan): Nanostructure and genesis of native alpine waxes and steppe regions of Kazakhstan
- BP08 Yutaka Ogido (Okayama University of Science, Japan): Detection of pathogenic bacteria using electrochemical assay for amplified DNA by PCR
- BP09 Eiji Yuba (Osaka Prefecture University, Japan): Polysaccharide-based pH-sensitive liposomes as an antigen delivery system for cancer immunotherapy
- BP10 Hao-An Chan (National Cheng Kung University, Taiwan): Triggerable Polymeric Microneedles for Chemo-Photothermal Cancer Therapy
- BP11 Hsing-Ying Lin (National Chung Cheng University, Taiwan): SERS Analysis for Pathogen Detection Using Raman-labeled Nanoaggregate-embedded Beads with A Dielectrophoretic Chip
- BP12 Yuta Yoshizaki (Osaka Prefecture University, Japan): pH-Sensitive polymer-modified liposomes as an antigen delivery system: effect of cationic lipid inclusion on their performance
- BP13 Xiaojie Li (Osaka Prefecture University, Japan): Poly(ethylene glycol)-modified PAMAM dendrimers-gold nanorod conjugates carrying Doxorubicin for cancer photothermal-chemotherapy
- BP14 Pin-Wei Hsieh (National Taiwan University of Science and Technology, Taiwan): Magnetic Fe Nanoparticles and Nanospheres
- BP15 Hsin-Ying Ho (National Taiwan University, Taiwan): Fabrication of Functionalized Parylene particles based on Electrospinning

- BP16 Chiao-Tzu Su (National Taiwan University, Taiwan): A Facile Approach toward Antifouling Biointerfaces Based on A Photodefinable Poly-p-xylylene Coating
- BP17 Ming Hua Ho (National Taiwan University of Science and Technology, Taiwan): Immobilization of Naringin onto Chitosan Substrates by Using Ozone Activation
- BP18 Chien-Hsiang Chang (National Cheng Kung University, Taiwan): The Effects of Added Sterols on Physical Properties of Catanionic Vesicles Composed of Ion Pair Amphiphile and Double-Chained Cationic Surfactant
- BP19 Shu-Juan Fu (National Tunghai University, Taiwan): Chitosan-Coated electrospun PLA fibers for rapid mineralization of Calcium phosphate
- BP20 Yung-Chih Chen (National Taiwan University, Taiwan): Quartz Crystal Microbalancing Based on Vapor-Deposited Reactive Coatings
- BP21 Eri Ito (R&D, Menicon Co., Ltd, Japan): Phase-Separated Co-network Structure Induced by Radical Copolymerization of Poly(dimethylsiloxane)- α,ω -diacrylate and hydrophilic components

Materials on Energy Science:

- EP01 Yuta Yamada (Nagasaki University, Japan): The Effect of the Main Chain structure and Side groups on Conductivity of Polymer solid electrolytes
- EP02 Yukari Sasada (Okayama University, Japan): Photosensitized Hydrogen Evolution from Water Using Single-Walled Carbon Nanotube/Fullerodendron/Pt(II) Coaxial Nanohybrids
- EP03 Wei-Ting Wang (National Taiwan University of Science and Technology, Taiwan): Transformation of n-type a-Si:H to p-type c-Si through low-temperature diffusion of Al/a-Si:H
- EP04 Yi-Te Peng (National Cheng Kung University, Taiwan): Preparation of electrospun carbon nanofibers and their application as anode material for lithium ion batteries

- EP05 Shimpei Nemoto (Nagoya University, Japan): Effect of Solution Plasma Treatment on Chemical Properties of Guar Gum
- EP06 Xiaolong Wang (Fudan University, China): Insulating the photocatalysis of ZnO quantum dots through silica encapsulation and its application in waterborne UV-shielding polymer coatings
- EP07 Shao-Yu Wang (National Taiwan University of Science and Technology, Taiwan) Effects of doping type and doping level of Si(100) substrates on etching mechanism in fabrication of nanostructured black silicon
- EP08 Zhong-xia Duan (Institute of Electrical Engineering Chinese Academy of Sciences, China): Influences of Preparation Process on the Orientation and Properties of PZT Piezoelectric Thick Film Generation Materials
- EP9 Yen-Jhih Chen (National Taiwan University of Science and Technology, Taiwan): Improving Performance of Hematite Photoanode for Solar Water Splitting
- EP10 Yu-Hsiang Tsai (National Taiwan University of Science and Technology, Taiwan): Growth Mechanism of $\text{Cu}_2\text{ZnSn}(\text{S},\text{Se})_4$ Nanocrystals by using Selenium(IV) oxide as Precursor
- EP11 Koji Mitamura (Osaka Municipal Technical Research Institute, Japan): Fabrication of Monolithic Metal and Application to Electrode Materials

Multidisciplinary Materials:

- MP01 J. H. Trivedi (Sardar Patel University, India): Synthesis, Characterization and Swelling Behaviour of Superabsorbent Hydrogel from Sodium salt of Partially Carboxymethylated Sodium Alginate-g-PAN
- MP02 Naoya Yamada (Yamagata University, Japan): In-Situ Observation and Frictional Measurement of the Interface Between Gel and Other Materials
- MP03 Yangyi Sun (Fudan University, China) One-step Facile Synthesis of Monodisperse Raspberry-like P(S-MPS-AA) Colloidal Particles

- MP04 Hiroyuki Sugimura (Kyoto University, Japan): Redox-active silicone surface: Photochemical Grafting of Ferrocene
- MP05 Chang-Yun Cai (National Chung Hsing University, Taiwan): Fabrication of Nonclose-Packed Colloidal Crystals with Tunable Lattice Spacing
- MP06 Bang-Yan Liu (National Taiwan University, Taiwan): Mechanism of Polymer Stabilization in Liquid Crystal Alignment: Surface Hydrophobicity and Pretilt Angle Control
- MP07 Sergey Sarin (National Taiwan University, Taiwan): SBA-15 Mesoporosity Regulation by the Precursor Studied by SAXS Technique
- MP08 Fang-hsin Lin (National Tsing Hua University, Taiwan): Identification of fine structures of Au-Fe₃O₄ heterodimers by X-ray absorption Spectroscopy (XAS) and their electrochemical application
- MP09 I-Hsiang Tseng (Feng Chia University, Taiwan): Photoactivity of Copper-loaded Graphene Nanocomposites
- MP10 Po-Ching Lee (National Cheng Kung University, Taiwan): Electrochemical Characteristics of Reduced Graphene Oxide Thin Films Prepared by Langmuir-Blodgett Technique