
Program

24 (Wed) September

8:30 - 9:00 Registration

(Lecture Hall A)

9:00 - 9:30 Opening Ceremony

PL-01

9:30 - 10:10 Tetsuo Tsutsui (Professor Emeritus, Kyushu Univ.)
Organic Electroluminescence, Past, Present, and Beyond

PL-02

10:10 - 10:50 Chia-Her Lin (National Tsing Hua Univ.)
Functional Applications of Nanoporous Materials: MOF and MPO

10:50 - 11:10 Group Photo & Coffee Break

(Lecture Hall A)

KL-A01

11:10 - 11:35 Itaru Osaka (Hiroshima Univ.)
Conjugated Polymers with Benzothiadiazole-Containing π -Extended
Rings for Efficient Organic Photovoltaics

IL-A01

11:35 - 12:00 Tsuyoshi Michinobu (Institute of Science Tokyo)
Recent Advances in Polymer Transistors and Their Application to
Transistor Memories

KL-A02

12:00 - 12:25 Yan-Duo Lin (Soochow Univ.)
Fused Heterocyclic Compounds for Application in Perovskite Solar Cells

(Lecture Hall B)

IL-B01

11:10 - 11:35 Koichiro Iida (Mitsubishi Chemical Co.)
Hole Transport Layers Using Metal-Free *p*-Doping Technology for OLEDs
and PVs

IL-B02

11:35 - 12:00 Ta-Chung Yin (Everlight Chemical Industrial Co.)
UV-Curing Sealant Developments for Next-Generation Solar Cells

IL-B03

12:00 - 12:25 Naoki Okamura (Meisei Chemical Works, Ltd.)
Application of Sustainable Aqueous Dispersion Technology to Organic
Light-Emitting Diode Materials

12:25 - 13:35 Lunch



12th East Asia Symposium

On Functional Dyes & Advanced Materials

(Lecture Hall A)

KL-A03

13:35 - 14:00

Tzu-Chien Wei (National Tsing Hua Univ.)
Revisiting the Stability of MAPbI₃ Perovskite Solar Cells via a Residual PbI₂-Free Precursor Strategy

IL-A02

14:00 - 14:25

Takayuki Chiba (Yamagata Univ.)
Perovskite Nanocrystal Light-Emitting Diodes with Aromatic Ligands and Organic Host Dispersion

IL-A03

14:25 - 14:50

Chieh-Ting Lin (National Chung Hsing Univ.)
Interfacial Modulation from Hole Transport Layers to Crystallization Dynamics in Hybrid Sn–Pb Perovskite Solar Cells

KL-A04

14:50 - 15:15

Keisuke Tajima (RIKEN Center for Emergent Matter Science)
Quantifying Unit Ratios in Semiconducting Copolymers and Their Effects on Photovoltaic Performance

(Lecture Hall B)

IL-B04

13:35 - 14:00

Mao-Lin Chiu (Janie Color Works, Ltd.)
High-Performance Red Pigments: Development and Application of Benzimidazolone Pigments for Enhanced Performance in Plastics

IL-B05

14:00 - 14:25

Hiroyuki Taguchi (NOF CORPORATION)
Functional materials for electronic devices

IL-B06

14:25 - 14:50

Chi-Hsiang Yao (Everlight Chemical Industrial Co.)
Novel Reactive UV Absorbers and Anti-Blue Light Eye Device Comprising the Same

IL-B07

14:50 - 15:15

Yoshihiko Fujie (FUJIFILM Co.)
Development of New UV-A and Blue Light Absorbers

15:15 - 15:30

Coffee Break

(Lecture Hall A)

KL-A05

15:30 - 15:55

Chun-Ting Li (National Taiwan Normal Univ.)
Anion Effect on the Cu^{II}–Neocuproine Mediator and Its Electrocatalysts for Dye-Sensitized Solar Cells: Polymeric Chalcogenides of PEDOT–PEDTT

IL-A04

15:55 - 16:20

Yoshitane Imai (Kindai Univ.)
Magnetically induced circularly polarized luminescence and circularly polarized electroluminescence from an achiral perovskite

IL-A05

16:20 - 16:45

Chun Che Lin (National Taipei Univ.)
Innovations for Stable and Multi-Applicable Fluorescent Lead Halide Perovskite Composites



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(Lecture Hall B)

KL-B01

15:30 - 15:55 G.S. Shankarling (Institute of Chemical Technology, Mumbai)
Eco-Friendly Strategies for Functional Colorants: From Design to Utility

IL-B08

15:55 - 16:20 Yu-Chieh Cheng (Taipei Tech)
Photoalignment Challenges in PVG Fabrication for Augmented Reality Waveguide Displays

IL-B09

16:20 - 16:45 Takeshi Maeda (Osaka Metropolitan Univ.)
Intermediate Diradical Character in Croconaine Dyes: Effects on Optical and Magnetic Properties

16:45 - 16:55 Coffee Break

16:55 - 18:25 Poster Presentation



25 (Thu) September

8:30 - 9:00 Registration

(Lecture Hall A)

PL-03
9:00 - 9:40 Chi-How Peng (National Taiwan Univ.)
Green Chemistry Approaches in Reversible-Deactivation Radical
Polymerization: Development of Block Copolymer Dispersants

PL-04
9:40 - 10:20 Ayyappanpillai Ajayaghosh (SRM Institute of Science and Technology)
Functional Dye Derived Supramolecular Materials for Sensing,
Imaging and Security Application

10:20 - 10:35 Coffee Break

(Lecture Hall A)

KL-A06
10:35 - 11:00 Masakazu Nakamura (Nara Institute of Science and Technology)
Molecular-Junctions to Control Heat Transport in CNT Yarns
toward Thermoelectric Cloths

IL-A06
11:00 - 11:25 Hung-Ju Yen (Institute of Chemistry, Academia Sinica)
Macromolecular Materials for Organic Batteries

IL-A07
11:25 - 11:50 Hirosato Monobe (National Institute of Advanced Industrial Science and
Technology)
Toward High Performance Nanocarbon Polymer Actuators and Sensors

(Lecture Hall B)

KL-B02
10:35 - 11:00 Heng-Liang Wu (National Taiwan Univ.)
Vibrational Spectroscopy at Electrified Interfaces: Catalysts and
Battery Materials

IL-B10
11:00 - 11:25 Mu-Huai Fang (Research Center for Applied Sciences, Academia Sinica)
Supersaturation-Driven Co-Precipitation Strategy for Halide Solid-
State Electrolytes in All-Solid-State Batteries

IL-B11
11:25 - 11:50 Di-Yan Wang (National Taiwan Normal Univ.)
The Structure Transformation of Electrocatalysts in Anodic Oxidation
Reaction

11:50 - 13:00 Lunch



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(Lecture Hall A)

KL-A07

13:00 - 13:25

Kenji Matsuda (Kyoto Univ.)
Optically Distinguishable Spin States of a Stable Organic Diradical and the Double Closed-Ring Isomer of a Diarylethene Fused Dimer

IL-A08

13:25 - 13:50

Fa-Kuen Shieh (National Central Univ.)
Insights into MOF Chemical Biology: Biocatalysts Encapsulated within MOFs

IL-A09

13:50 - 14:15

Takashi Okubo (Kindai Univ.)
Crystal Structures and Carrier Transport Properties of Coordination Polymers

IL-A10

14:15 - 14:40

Ichiro Hisaki (The University of Osaka)
Fluorescence Properties on Single-Crystals of Nonstoichiometric Mixed Hydrogen-Bonded Organic Frameworks

(Lecture Hall B)

KL-B03

13:00 - 13:25

Yousuke Ooyama (Hiroshima Univ.)
Development of Fluorescent Polymer Films and Fluorescent Sensor-immobilized Glass Substrate for Visualizing Water

IL-B12

13:25 - 13:50

Chih-Chia Huang (National Cheng Kung Univ.)
Bioinorganic and Galactosylated Nanoparticle Platform for SERS Monitoring Macrophage Polarization and Enhancing Immune Checkpoint Inhibition

IL-B13

13:50 - 14:15

Koji Miki (Kyoto Univ.)
Aldehyde Dehydrogenase-responsive Turn-on Fluorescent Probes for Cancer Stem Cell-specific Detection

IL-B14

14:15 - 14:40

Wei-Ching Liao (National Yang Ming Chiao Tung Univ.)
Engineering Functional DNA Architectures for Detection, Molecular Transport, and Catalytic Enhancement

14:40 - 14:55

Coffee Break

(Lecture Hall A)

KL-A08

14:55 - 15:20

Kingo Uchida (Ryukoku Univ.)
Phototunable Luster Color Changes in Microcrystalline Film using Photochromic Diarylethenes

IL-A11

15:20 - 15:45

Hsiu-Hui Chen (National Taipei Univ.)
From Chemistry to Optoelectronics: Exploring Advanced Liquid Crystal Materials

IL-A12

15:45 - 16:10

Shin-ichiro Kawano (Nagoya Univ.)
Shape-Persistent Macrocycles as Building Blocks for Nanoporous Soft Materials



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KL-B04

14:55 - 15:20

Han-Yu Hsueh (National Chung Hsing Univ.)
Bio-inspired Slippery Antibiofouling Coatings Through Block
Copolymer Self-Assembly and Surface Wrinkling

IL-B15

15:20 - 15:45

Yukiya Kitayama (Osaka Metropolitan Univ.)
Interfacial Photocrosslinking as a New Tool for Fabrication of
Functional/Degradable Polymer Capsules

IL-B16

15:45 - 16:10

Hsiung-Lin Tu (Institute of Chemistry, Academia Sinica)
Microfluidic and Facile Photochemical Strategies for Synthesizing
Stimuli-Responsive Nanomaterials with Tunable Properties

(Lecture Hall A)

16:10 - 16:30

Closing Ceremony

Hotel Agora Regency Osaka Sakai

18:00 - 20:00

Award Ceremony & Conference Banquet