



<https://www.isop2023.org/>



<https://mesohierarchy.jp/en/>



<https://www.nanosynergetics.cnrs.fr/>

Satellite Workshop of ISOP2023

International Workshop for Nano- and Meso-Synergetic Molecular Systems

Welcome to ISOP2023, Nara ! This workshop is dedicated for connecting scientists of ISOP, Nanosynergetics and Meso-Hierarchy Program, especially those for the next generations.

Date: November 6th, 2023, 13:30-17:30

Venue: Nara Park Bus Terminal, Lecture Hall

(10 min from Kintetsu-Nara Station, next to TODAI-JI-Temple & Deer-park)

<https://npbt.jp/#access>

Presentation type: Invited Lectures, Short-Oral Lectures

Registration: <https://forms.gle/UbACtAM1h98WtgVE6>

or contact to ISOP-secretariate (secretariat@isop2023.org)

Registration Fee: 5,000 JPY (2,500 JPY for Students); *only cash at the desk.*

Free for ISOP participants and members of NanoSynergetics and MesoHierarchy Programs

Welcome Mixer: 17:30-19:30, at the Front Lobby of the Lecture Hall,

Free for ISOP2023 Participants

3,500 JPY for others



Scientific Program



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Program

- 13:30–13:35 Opening remarks
- Session 1 *Chair:* Kenji Matsuda (Kyoto University)
- 13:35–14:05 **Invited talk:** Fabien Miomandre (ENS Paris Saclay)
Electrochemical Switch of Luminescence at the Monolayer Scale
- 14:05–14:35 **Invited talk:** Yoshimitsu Sagara (Tokyo Institute of Technology)
New Functions of Rotaxane-based Supramolecular Mechanophores
- 14:35 – 14:50 Ruben Feringa (Groningen University)
Studying Spiropyran Functionality on Coated Surfaces
- 14:50–15:05 Daichi Kitagawa (Osaka Metropolitan University)
Development of Novel T-type Photochromic Compounds based on 6π
Electrocyclic Reaction
- 15:05–15:20 Break
- Session 2 *Chair:* Rémi Métivier (ENS Paris-Saclay)
- 15:20–15:50 **Invited talk:** Francisco Raymo (University of Miami)
Photoswitchable Fluorophores for Single-Molecule Localization
Microscopy
- 15:50–16:05 Hikaru Sotome (Osaka University)
Tracking Exciton Diffusion Dynamics in Nano- and Meso-scale with
Ultrafast Spectroscopy and Imaging
- 16:05–16:20 Ruiji Li (Jining Medical University)
Photochromic Properties and Photoinduced Changes in Aromaticity of
Diaryl [5]Helicene Derivatives

- 16:20–16:35 Yoichi Kobayashi (Ritsumeikan University)
From Stepwise Photochromic Reactions to Unexpected Photochemical Reactions
- 16:35–16:50 Issei Ikariko (Kumamoto University)
All-Visible (>500 nm)-Light-Induced Diarylethene Photochromism Based on Multiplicity Conversion via Intramolecular Energy Transfer
- 16:50–17:05 Kenta Tamaki (Chiba University)
Photo-reversible Supramolecular Polymorph Transformation Leading to Hard and Soft Hydrogen-bonded Materials
- 17:05–17:20 Mihoko Yamada (Nara Institute Science and Technology)
Syntheses of Photochromic Diarylethene Derivatives with a Curved Aromatic Corannulene
- 17:20–17:30 Closing remarks