

## Poster Session

- P1** Wenhao Zhang: *Twisted or Planar? Packing-Dependent Photophysical Behavior in Self-Assembled Nanofibers of Dendronized Anthracene Derivatives*
- P2** Jingtao Li: *Remote excitation of surface enhanced Raman in a single membrane-less organelle*
- P3** Keita Abe: *Introduction of  $\pi$ -Conjugated Molecules into Optical Cavities for Strong Coupling*
- P4** Ya Tian: *Spatial Heterogenous Diffusion Dynamics in Arginine-rich Dipeptide Coacervates*
- P5** Aito Takeuchi: *In situ exploration of charge carrier and structural dynamics of perovskite photocatalysts under dynamic equilibrium condition*
- P6** Yudai Yamashita: *Silver Nanowire Remote-Thermal-Sensing using Lanthanide-based Nanoparticles*
- P7** Xin Xu: *Electric Field-Induced Cation Migrations in 3D/2D Perovskite  $\text{CsPbBr}_3/\text{PEA}_2\text{PbBr}_4$  Nano-Heterostructures*
- P8** Toranosuke Takagi: *Towards electrically driven single-photon sources using  $\text{CsPbBr}_3$  perovskite quantum dots*
- P9** Koki Asano: *Study of nanoscale photophysical properties of organic-inorganic hybrid perovskite films and interfaces*
- P10** Reina Machida: *Plasmonic photo-thermia with Liposome-Coated Gold Nanostars: Exploring Apoptosis in 3D Tumor Spheroids*
- P11** Shruti Singh: *Elucidation of Origin of Electroluminescence Intermittency in Hybrid Lead Halide Perovskite Crystals*
- P12** Sasank Pattnaik: *Stochastic PL Fluctuations in All-inorganic  $\text{CsPbBr}_3$  Microcrystals*
- P13** Haruka Tsuchiya: *The investigation of substituent effect in NO releasing moiety of PeT-driven caged NO*
- P14** Tsuyoshi Fukminato: *Luminescence photoswitching in perovskite quantum dots hybridized with photochromic diarylethenes*
- P15** Qiwen Tan: *Probing Long-Range Energy Transfer in  $\text{CsPbBr}_3$  Quantum Dot Superlattices with Photoluminescence and Cathodoluminescence*
- P16** Jinwoong Jo: *Impact of Trivalent  $\text{Sb}^{3+}$  -Ion Doping on Charge Carrier Recombination Dynamics of Cesium Lead Bromide Perovskite Quantum Dots*
- P17** Jaesang Yu: *Effects of Polymer Matrix and Atmospheric Conditions on Photophysical Properties of a Cesium Lead Bromide ( $\text{CsPbBr}_3$ ) Perovskite Quantum Dot*

**P18** Yuto Masuda: *Extension of plasmon dephasing time in asymmetric Au trimer nanogap structures*

**P19** Rina Su: *Photophysical Control in Aggregation-Induced Emission–Plasmon Hybrid Systems Using Nano-Engineered Gold Arrays*

**P20** Nicolas Huang: *Relationship between size and emission behavior of CsPbI<sub>3</sub> perovskite nanocrystals*

**P21** Ami Goto: *Energy Transfer in a Quantum Dot–Perylene Bisimide Systems – Investigation of Energy Transfer from Multiple Excitons*

**P22** Yoshiyuki Watanabe: *Synthesis of diarylethene derivatives having benzo[b]selenophene and turn-on type fluorescence switching in aqueous environment*

**P23** Arisa Hamada: *Development of highly fluorescent and stable photochromic nanoparticles*

**P24** Shin-Chwen Yeh: *Broadband Near-Field Plasmonic Enhancement in Metal–Insulator–Metal Nanostructures for Efficient Hydrogen Evolution*

**P25** Shun Arai: *Single-particle transient absorption microscopy unveils hidden diversity in photosynthetic light-harvesting antenna, chlorosome*

**P26** Kosuke Yoshihara: *Evaluation of nanostructures of phospholipid membranes using single-molecule tracking based on Monochromatic Excitation Fluorescence Switching (MEFS)*

**P27** Tomoaki Sakurada: *Hybrid 1D Silver Organochalcogenides: From Bandgap Modulation to Exciton Diffusion*

**P28** Martin Vacha: *Single-molecule spectroscopy of conjugated donor-acceptor copolymers containing non-fullerene acceptors*

**P29** Konstantin Kachurin: *Computational Modeling and Thermodynamic Simulations of Nanomaterials for Cancer Photo-Thermal Therapy*