

Session Title:	[Tu1F] Light Manipulation I
Session Date:	August 6 (Tue.), 2024
Session Time:	11:00-12:30
Session Room:	Room F (115)
Session Chairs	TBA

[Tu1F-1] [Invited] 11:00-11:30

Strong Exciton-Photon Interaction of Halide Perovskite Nanostructures towards Continuous-Wave Lasing

Qing Zhang (Peking Univ., China)

[Tu1F-2] 11:30-11:45

Spectroscopic and Microscopic Study on Superfluorescent Halide-based Quasi-two-dimensional Perovskites

Aaron Wildenborg, Ryan Munter, and Jae Yong Suh (Michigan Technological Univ., USA)

[Tu1F-3] 11:45-12:00

Enhanced Absorption in Organic Solar Cells Using Light Scattering by Dielectric Nanopyramid Arrays

Donggyu Lim, Seongcheol Ju, Cheolhun Kang, Dohyun Kim (Inha Univ., Korea), Jeonghyun Kim (Kwangwoon Univ., Korea), Hui Joon Park (Hanyang Univ., Korea), and Kyu-Tae Lee (Inha Univ., Korea)

[Tu1F-4] 12:00-12:15

Enhanced Light Absorption in Organic Solar Cells by All-dielectric Nanostructures

Seongcheol Ju, Hyeonwoo Kim, Hojae Kwak, Incheol Jung, Seunghyun Oh, Seung Gol Lee (Inha Univ., Korea), Jeonghyun Kim (Kwangwoon Univ., Korea), Hui Joon Park (Hanyang Univ., Korea), and Kyu-Tae Lee (Inha Univ., Korea)

[Tu1F-5] 12:15-12:30

Optical Pulling of Synthetic Janus Particles Mediated by Photonic Nanojet

Yu-Xuan Ren (Fudan Univ., China), Johannes Frueh, Sven Rutkowski (Nat'l Research Tomsk Polytechnic Univ., Russia), Cihang Kong, Bo Li (Fudan Univ., China), and Kenneth K. Y. Wong (The Univ. of Hong Kong, Hong Kong S.A.R)