

Session Title:	[Th2F] Nanophotonic Devices
Session Date:	August 8 (Thu.), 2024
Session Time:	16:00-17:30
Session Room:	Room F (115)
Session Chairs	TBA

[Th2F-1] [Invited] 16:00-16:30

Creating the Next Generation of Nanostructured Optical Elements for Emerging Light-enabled Technologies

Jung-Hwan Song (Stanford Univ., USA), Jorik van de Groep (Univ. of Amsterdam, Amsterdam), Qitong Li, Fenghao Xu, and Mark L. Brongersma (Stanford Univ., USA)

[Th2F-2] 16:30-16:45

Flexible Cavity based on Phase Dislocations in the Amorphous Photonic Lattice

Bofeng Zhu, Qi Jie Wang, and Yi Dong Chong (Nanyang Technological Univ. Singapore)

[Th2F-3] 16:45-17:00

High-rate High-efficiency Upconversion Emission Modulation by Tuning Absorption of Photopolymers

Weizhao Gu, Simone Lamon, Haoyi Yu, Min Gu, and Qiming Zhang (Univ. of Shanghai for Science and Tech., China)

[Th2F-4] 17:00-17:15

Design of a Si Carrier-Depletion-Type Mach-Zehnder Modulator with Ultra-Compact Photonic Crystal Slow-Light Phase Shifter

Deji Li, Takaaki Kakitsuka, and Kiyoto Takahata (Waseda Univ., Japan)

[Th2F-5] 17:15-17:30

Probing Physical Parameters of Low-dimensional Semiconductor Devices by Analytical Photoresponse Theory

Kai Li and Yaping Dan (Shanghai Jiao Tong Univ., China)