CLEO PacificRim 2024 August 4-9, 2024 Songdo ConvensiA, Incheon, Korea

Session Title:	[Th2F] Nanophotonic Devices
Session Date:	August 8 (Thu.), 2024
Session Time:	16:00-17:45
Session Room:	Room F (115)
Session Chair(s)	Prof. Sun Kyung Kim (Kyung Hee Univ, Korea), Prof. Kwang-Yong Jeong (Chungnam Nat'l Univ., Korea)

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

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

Jung-Hwan Song (Nat'l Univ. of Singapore, Singapore), 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 Photo-polymers

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)

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[Th2F-6] 17:30-17:45

Passive Cooling Films with Modulated Visible Transparency

Jae-Seon Yu, Jae-Hyun Kim, and Sun-Kyung Kim (Kyung Hee Univ., Korea)