

Room F (Sicily), 2F

Chair: Il-Sug Chung (UNIST)

Th2F

July 2 (Thu), 2026

LiDAR & Photonic Processors

10:15-11:45

Th2F-1

10:15-10:30

Multiple-User OWC via Parallel Excited Optical Phased Arrays

Caiming Sun, Jiarui Zhang
The Chinese University of Hong Kong

Th2F-2

10:30-10:45

In-Situ Photoresistor Based Dual-Drop Port Microring Weight Bank

Baojie Hou, Zichao Zhao, Qishen Liang, Haoran Ma, Bin Zhang, Lingzhi Yuan,
Zhujun Wei, Ziyi Fu, Tingge Dai, Huihui Zhu, Yuehai Wang, Jianyi Yang
Zhejiang University

Th2F-3

10:45-11:00

Sub-2 kHz Narrow-Linewidth 1550 nm DFB Laser for FMCW LiDAR Applications

Te-Hua Liu, Yi-Hsuan Chen, Yen-Wei Li, Yu-Chun Chen, Chao-Hsin Wu
National Taiwan University

Th2F-4

11:00-11:15

Non-Volatile Micro-Ring Optical Switch on SiN-on-Glass for Panel-Level Interconnects

SeongHyeok Bae, Taewon Jin, Simin Chen, Younghyun Kim
Hanyang University

Th2F-5 Invited

11:15-11:45

Scalable Optical Neural Network Chip based on Multi-Plane Light Conversion

Takuo Tanemura, Chun Ren, Ryota Tanomura
The University of Tokyo