

July 1 (Wed)	Room A Grand Ballroom 1, 2F	Room B Grand Ballroom 2, 2F	Room C Grand Ballroom 3, 2F	Room D Capri, 2F	Room E Sydney, 2F	Room F Sicily, 1F	Room G Miami, 2F	Room H Venice, 2F	Lobby, 2F
08:30-10:00	We1A	We1B	We1C	We1D	We1E	We1F	We1G		Exhibition
	PCS and FEC Coding Technologies	Fiber Lasers	Converged Fiber-Wireless & RoF Systems	Technologies for Coherent Short-Reach Transmission	Nonlinear & Active Integrated Photonics	III-V on Silicon Active Devices II & Electronic ICs	Quantum Communication and Networking		
10:00-11:45	Poster Session III (Grand Ballroom 4, 2F)								
11:45-13:15	Lunch (on your own)								
13:15-14:45	We2A	We2B	We2C	We2D	We2E	We2F	We2G		
	Advanced Lasers	Multimode & Multicore Fibers	Satellite Optical Communication	Radio-over-Fiber and Optical Wireless Systems	Scalable Silicon Photonics Platforms	Datacom & VCSELs	Optoacoustic and Coherent Detection Technologies		
14:45-15:00	Coffee Break								
15:00-16:30				We3D	We3E	We3F	We3G		
				Advanced DSP for Transmission and Sensing	Nonlinear & Spectral Integrated Photonics	Coherent Communications & Novel Sources	Multi-modal Optical Technologies for Imaging and Sensing		
16:30-16:45	Coffee Break								
16:45-18:30				PDP Session1	PDP Session2				
18:30-21:00	Banquet (Grand Ballroom, 2F)								

Room F (Sicily), 2F | Chair: Chih-Hsien Cheng (NICT)

We2F
Datacom & VCSELs

July 1 (Wed), 2026
13:15-14:45

We2F-1 **13:15-13:30**

ntegrated Wavelength Division Multiplexing Transmitter with Dispersion Pre-compensation

Weihan Wang, Ruitao Ma, Fei Huang, Mingyu Zhu, Aoyun Gao, Zexu Wang, Shujun Liu, Weike Zhao, Yiwei Xie, Zejie Yu, Daoxin Dai
Zhejiang University

We2F-2 **13:30-13:45**

3–300 K 850 nm VCSEL for Cryogenic Optical Interconnects with 128 Gbps PAM-4 at 3 K

Etina Zou1, Zetai Liu2, Min-Hsin Wu1, Chung-Hsin Yu1, Yun-Cheng Yang1, Milton Feng2, Chao-Hsin Wu1
[1]National Taiwan University, [2]University of Illinois Urbana-Champaign

We2F-3 **13:45-14:00**

High-Bandwidth-Density 850 nm VCSEL Array for Terabit Optical Interconnects

Min-Hsin Wu, Etina Zou, I-Chi Liu, Yun-Cheng Yang, Chao-Hsin Wu
National Taiwan University

We2F-4 **14:00-14:15**

A 2-λ × 50-Gb/s PAM-4 Silicon RingResonator-Based WDM Optical Receiver

Jae-Ho Lee[1], Dong-Hyeon Kim[1], Yongjin Ji[1], Seung-Jae Yang[1], Hyun-Kyu Kim[2], Woo-Young Choi[1]
[1]Yonsei Universit, [2]Samsung Electronics Co., Ltd.

We2F-5 **Invited** **14:15-14:45**

Zn-Diffusion Single-Mode VCSELs at 850 and 1060 nm for High-Speed AI Interconnection

Jin-Wei Shi
National Central University