

D2: Integrated Photonic Circuits and Heterogeneous Platforms	
Location: Conference Room 103B, 1F	
November 2, 2026	
13:30-14:30	Integrated Silicon Photonics with Quantum Dot On-Chip Lasers (Tutorial) Yating Wan King Abdullah University of Science and Technology, Saudi Arabia
14:30-14:45	Self-Injection-Locked Laser Based on a CMOS-Compatible Compact Spiral Resonator (Oral) Wei Chen Zhejiang University, China
14:45-15:00	A Self-Injection-Locked Laser with Synchronous Electro-Optic Tuning for FMCW Ranging (Oral) Xiao Wu Wuhan National Laboratory for Optoelectronics and School of Optical and Electronic Information, Huazhong University of Science and Technology, China
15:00-15:15	Laser cavity-soliton microcombs generation in normal-dispersion silicon nitride microresonators (Oral) Yingge Tao Department of Integrated Circuits, Harbin Institute of Technology, Shenzhen, China; Pengcheng Laboratory, China
15:15-15:30	Mode-Hop-Free Electro-Optic Synchronous Tuning in an Integrated Vernier Laser (Oral) Zhenwu Mo Wuhan National Laboratory for Optoelectronics and School of Optical and Electronic Information, Huazhong University of Science and Technology, China
15:30-16:00	Coffee Break
16:00-16:30	Recent Advances in Quantum Dot Lasers for Optical I/O (Invited) Zihao Wang Institute of Physics, Chinese Academy of Science, China
16:30-16:45	Heterogeneously Integrated III-V-on-Silicon Directly Modulated DFB Laser on a Standard 220 nm Silicon Photonics Platform (Oral) Yu Qiao Sun Yat-sen University, China
16:45-17:00	GaSb-TFLN hybrid integrated laser based on cascaded micro-ring resonators in the 2 μm waveband (Oral) Songjian Lin Sun Yat-sen University, China
17:00-17:15	Photonic Wire Bonding-Enabled Hybrid-Integrated Tunable Optical Transmitter for NG-PON2 (Oral) Wentao Sun Nanjing University, China
17:15-17:30	Low-loss Wafer-scale 3D Polymer Photonic Inline Monitoring Chip for 7-core Fiber Transmission (Oral) Zexu Liu Westlake University, China

D2: Integrated Photonic Circuits and Heterogeneous Platforms
Location: Conference Room 103B, 1F

November 3, 2026	
08:30-09:00	Integrated Photonics for Quantum Secure Applications (Invited) Marco Avesani University of Padova, Italy; ThinkQuantum, Italy
09:00-09:30	Integrated High Performance Single Photon Emitters in Nanogap/WSe₂ Heterostructures (Invited) Hongbing Cai USTC, China
09:30-09:45	Nonlinear Frequency Conversion in a 4H-SiC Microring Resonator for Integrated Nonlinear and Quantum Light Sources (Oral) Jiantao Wang The Hong Kong University of Science and Technology, Hong Kong, China
09:45-10:00	Waveguide integrated superconducting single-photon detectors with near-unity detection efficiency (Oral) Ilya Stepanov Bauman Moscow State Technical University, Russia
10:00-10:30	Coffee Break
10:30-11:00	Integrated Visible-Light Photonic Circuits for Nonlinear and Free-Space Optics (Invited) Marc Sorel
11:00-11:30	TBD (Invited) Xingchen Ji Shanghai Jiao Tong University, China
11:30-11:45	Integrated Photonic Wiener Operator with a Silicon Metalens 4F Processor (Oral) Chen Wu Shanghai Jiao Tong University, China; State Key Laboratory of Photonics and Communications, China
11:45-12:00	Integrated Multiport Optical Vortex Beam Emitters (Oral) Liheng Yi Huazhong University of Science and Technology, China

D2: Integrated Photonic Circuits and Heterogeneous Platforms	
Location: Conference Room 103B, 1F	
November 4, 2026	
08:30-09:00	Integrated Photonics based on Lithium Tantalate-on-Insulator (Invited) Jinsong Xia Huazhong University of Science and Technology, China
09:00-09:15	Heterogeneously Integrated Slow-Light SiN-TFLN Michelson Interferometer Modulator with Inverse-Designed Reflectors (Oral) Wensheng Huang Southern University of Science and Technology, China
09:15-09:30	A PZT Enabled LAN WDM Transmitter with Post Trimming and Efficient Pockels Modulation (Oral) Cunyu Shi Zhejiang University, China

09:30-09:45	Wafer-Scale Manufacturable Single-Drive Ultrahigh Extinction Ratio Electro-Optic Switch (Oral) Zhile Wu Zhejiang University, China
09:45-10:00	High-Extinction-Ratio Thin-Film Lithium-Niobate Electro-Optic Modulator Enabled by Nonvolatile Sb₂Se₃ Programming (Oral) Jiahuan Chen Zhejiang university, China
10:00-10:30	Coffee Break
10:30-11:00	Programmable Photonic Integrated Circuits Enabled by Phase-Change Materials (Invited) Yuru Li South China Normal University, China
11:00-11:30	Advances in integrated magneto-optics: beyond optical isolators (Invited) Shuyuan Liu Zhangjiang Laboratory, China
11:30-11:45	Integrated Magneto-Optical Circulators for Parallel FMCW LiDAR and Imaging Applications (Oral) Zixuan Wei University of Electronic Science and Technology of China, China
11:45-12:00	Heterogeneous structure of Carbon Nanotubes and Silicon Nanobeam Cavity for Efficient Emission Coupling (Oral) Zijun Xiao Paris Saclay University, France
12:00-13:30	Lunch
13:30-14:00	TBD (Invited) Xuechao Yu Suzhou Institute of Nano-tech and Nano-bionics, Chinese Academy of Sciences, China
14:00-14:30	The co-designed electro-optical (E/O) chips for the interconnects in AI Infrastructure (Invited) Jingbo Shi Beijing University of Posts and Telecommunications, China
14:30-14:45	Deterministic Switching of Bright Soliton and Dark Pulse Microcombs within a Single-Ring Microresonator (Oral) Houling Ji Pengcheng Laboratory, China; Department of Electronic and Electrical Engineering, Southern University of Science and Technology, China
14:45-15:00	Ultralow-threshold near- to mid-infrared supercontinuum generation in nanophotonic suspended aluminum gallium arsenide waveguides (Oral) Luyao Fan Tsinghua University, China
15:00-15:15	Experimental Demonstration of Thermo-Optic- and Carrier-Induced Optical Limit Cycles in Silicon Microring Resonators with Lateral Diodes (Oral) Menglong He TU Dresden, Germany
15:15-15:30	Polarization-Insensitive Si/SiN Thermo-Optic Switch with Power Tolerance Exceeding 335 mW (Oral) Ningyu Zhang Southern University of Science and Technology, China

15:30-16:00	Coffee Break
16:00-16:15	An Ultra-Low-Loss Dual-Layer (150/800-nm) Silicon Nitride Photonic Platform (Oral) Zhonghan Wu
16:15-16:30	Inverse-Designed Dual-Polarization Silicon Nitride Waveguide Crossing (Oral) Yuhang Hu Southern University of Science and Technology, China