

Room E (Sydney), 2F

Chair: Hansuek Lee (KAIST)

We1E

July 1 (Wed), 2026

Nonlinear & Active Integrated Photonics

08:30-10:00

We1E-1 Invited 08:30-09:00

Nonlinear Optics in Silicon-Based Photonic Devices

D. T. H. Tan, X. X. Chia, K. Y. K. Ong, J. W. Choi, B.- U. Sohn, G. F. R. Chen, A. Chowdury
Singapore University of Technology and Design

We1E-2 09:00-09:15

Silicon Nitride 2×2 Thermo-Optic Switch with $P_{\pi} < 30$ mW and Response Time < 20 μ s

Luyang Liu, Haojie Xue, Yichen Zhang, Lei Zhang
Beijing University of Posts and Telecommunications

We1E-3 09:15-09:30

Monolithic Integration of Dual-Segment Electro-Absorption Modulators for Optical Single-Sideband Generation

Cheng-En Jiang¹, Shou-Ming Chen¹, Kun-Sian Lin¹, Bo-Hong Chen², Rih-You Chen¹, Yi-Jen Chiu¹
¹National Sun Yat-Sen University, ²LandMark Optoelectronics Corporation

We1E-4 Invited 09:30-10:00

Nonlinear Effects in High-Q Multimode Silicon Resonators

He Gao, Yaojing Zhang
The Chinese University of Hong Kong, Shenzhen