

Room G (Miami), 2F

Chair: Oskars Ozolins (Riga Technical University)

Th2G

July 2 (Thu), 2026

Nonlinear Active Devices

10:15-11:45

Th2G-1 Invited 10:15-10:45

Electro-Optic-Equalizer-Integrated Thin-Film Lithium Niobate Modulator for High Baud-Rate Signaling

Yuya Yamaguchi

National Institute of Information and Communications Technology

Th2G-2 Invited 10:45-11:15

Nonlinear Wavelength Conversion in a Thin-Film Lithium Niobate Waveguide

Haoran Li, Zejie Yu

Zhejiang University

Th2G-3 11:15-11:30

Nanophotonic Electro-Optic Polarization Mode Converter on Periodically Poled Thin Film Lithium Niobate

Muhammad Adil¹, Tien-Dat Pham¹, Po-Hsiang Huang¹, Reinhard Geiss², Frank Setzpfandt^{2,3},

Yen-Hung Chen¹

¹National Central University, ²Fraunhofer Institute of Applied Optics and Precision Engineering, ³Friedrich Schiller University

Th2G-4 11:30-11:45

1.28 Tb/s High-Speed Wavelength Conversion Leveraging the Transmission Directionality of Semiconductor Optical Amplifiers

Ye Tian , Tong Cao, Liao Chen, Chi Zhang, Yang Liu, Xinliang Zhang

Huazhong University of Science and Technology