

Room F (Sicily), 2F

Chair: Yuya Yamaguchi (NICT)

Tu1F

June 30 (Tue), 2026

High-Speed Modulators II & Wavelength Conversion

08:30-10:00

Tu1F-1 Invited 08:30-09:00

High-Capacity Enabling C+L-Band InP-Based Coherent Driver Modulators

Josuke Ozaki, Yoshihiro Ogiso, Mitsuteru Ishikawa
NTT Innovative Devices Corporation

Tu1F-2 09:00-09:15

Silicon Photonics Microwave Receiver based on Electro-Absorption Modulator Integrated with Slanted Mirror

Jian-Hua Lin¹, Shou-Ming Chen^{1,2}, Bo-Hong Chen^{1,2}, Rih-You Chen^{1,2}, Yi-Jen Chiu¹
¹National Sun Yat-Sen University, ²LandMark Optoelectronics Corporation

Tu1F-3 09:15-09:30

Lossless Bidirectional Post-Fabrication Trimming of Silicon Ring Modulators

Haozhe Sun, Yating Wu, Tao Chu
Zhejiang University

Tu1F-4 09:30-09:45

Broadband Wavelength Conversion based on Chalcogenide Waveguides

Ling Luo, Shulin Deng, Nan Li, Yongguang Xiao, Qingming Chen, Zhaohui Li
Sun Yat-Sen University

Tu1F-5 09:45-10:00

Parallel Two-Step Parameter Control for Automatic 50-GHz Double-Frequency-Spaced Flat Comb Generation Using 25-GHz In-Phase/Quadrature Modulator

Koshiro Hashihara, Shun Harada, Tomoya Suzuki, Koushi Chinone, Takahide Sakamoto
Tokyo Metropolitan University