

Room F (Sicily), 2F

Chair: Toshimasa Umezawa (NICT)

Tu3F

June 30 (Tue), 2026

Novel Photodetectors II

13:15-14:45

Tu3F-1 Invited 13:15-13:45

High-Speed Vertical-Illumination Photodiodes for beyond-200-Gbaud Applications

Yuki Yamada, Ikue Hiraoka, Yusuke Araki, Takuya Hoshi, Yoshiho Maeda, Shohei Kosuga, Takahiro Nakamura, Shoko Tatsumi, Fumito Nakajima
NTT, inc.

Tu3F-2 13:45-14:00

Ultrafast and Ultrahigh Extinction Ratio Optical Switch on a TFLT Platform

Zhengyuan Bao, Haoran Li, Taoran Yao, Zejie Yu, Daoxin Dai
Zhejiang University

Tu3F-3 14:00-14:15

Waveguide-Integrated Plasmonic Ge-on-Si Photodetector Achieving 1.53 A/W at 1550 nm

Wei Chen, Yu Yu, Xinliang Zhang
Huazhong University of Science and Technology

Tu3F-4 14:15-14:30

Optoelectronic Third-order Intermodulation Distortion Measurement for Photodetectors

Kunqian Yang¹, Yunqi Liao¹, Xingbang Zhu¹, Jianbin Fu², Min Xue¹, Shilong Pan¹
¹Nanjing University of Aeronautics and Astronautics, ²Newkey Photonics Information Technology Limited Liability Company

Tu3F-5 14:30-14:45

Bottom-Grating-Assisted Polarization-Sensitive Ge PD with Enhanced Response at 1.6 μm

Fenghe Fu^{1,2}, Hui Cong^{1,2}, Chi Xu^{1,2}, Ruoyun Ji¹, Huirong Zhou^{1,2}, Chunlai Xue^{1,2}
¹Chinese Academy of Sciences, ²University of Chinese Academy of Sciences