

Session Title:	[Mo2K] Optical Devices for Telecom Applications
Session Date:	August 5 (Mon.), 2024
Session Time:	13:30-14:30
Session Room:	Room K (204-205)
Session Chair(s)	Dr. Fukutaro Hamaoka (NTT, Japan)

[Mo2K-1] [Invited] 13:30-14:00

Toward Practical Utilization of Dually Modulated EML as Optical SSB Transmitter

Shuhua Zhao, Tianwai Bo, Zhongwei Tan, and Yi Dong (Beijing Inst. of Tech., China)

[Mo2K-2] 14:00-14:15

24-Tb/s PS-PDM-64QAM Bidirectional Transmission over 10-km 24-core Fiber using Silicon Photonics IC-TROSA

Chao Yang, Ming Lu, Jin Tao, Ying Qiu (China Information Communication Technologies Group Corp., China), and Xi Xiao (Nat'l Information Optoelectronics Innovation Center, China)

[Mo2K-3] 14:15-14:30

Simultaneous Sensing and Communication over 20 km Fiber Based on Si_3N_4 Micro-Ring

Ying Qiu (China Information Communication Technologies Group Corp., China), Xiangpeng Ou (Inst. of Microelectronics of the Chinese Academy of Sciences, China), Ming Luo, Chao Yang (China Information Communication Technologies Group Corp., China), Zhixue He (Peng Cheng Lab., China), Xi Xiao (China Information Communication Technologies Group Corp., China), Yan Yang (Inst. of Microelectronics of the Chinese Academy of Sciences, China), and Jin Tao (China Information Communication Technologies Group Corp., China)