

Session Title:	[Mo1K] Short-Haul Systems
Session Date:	August 5 (Mon.), 2024
Session Time:	10:30-12:00
Session Room:	Room K (204-205)
Session Chair(s)	Prof. Sunghyun Bae (Kangwon Nat'l Univ., Korea)

[Mo1K-1] [Tutorial] 10:30-11:15

Enhancing Fiber-to-The-Room (FTTR) Technologies: Addressing Key Challenges and Solutions

Gangxiang Shen, Jun Li, Jinhan Cai, Mingyuan Zan, and Shen Yu (Soochow Univ., China)

[Mo1K-2] 11:15-11:30

Precoding-assisted Inter-ONU Interference Alleviation in OFDM-NOMA-PON System

Geyang Wang (The Chinese Univ. of Hong Kong, Hong Kong S.A.R), Xiaohao Chen (The Univ. of Hong Kong, Hong Kong S.A.R), and Lian-Kuan Chen (The Chinese Univ. of Hong Kong, Hong Kong S.A.R)

[Mo1K-3] 11:30-11:45

4 x 50 Gb/s 0.85 pJ/bit PAM-4 CMOS VCSEL Driver for Linear Pluggable Optics

Jun-Seo Kim, Kihun Kim (Yonsei Univ., Korea), Tae Hwan Jin, Pyung-Su Han (Qualitas Semiconductor Co., Ltd., Korea), and Woo-Young Choi (Yonsei Univ., Korea)

[Mo1K-4] 11:45-12:00

Multi-tap DFE with State-tracking Demapper for IM-DD Systems

Zhengyu Ma, Jing Zhang, Jiahao Zhou, Xue Zhao, Rui Wang, and Kun Qiu (Univ. of Electronic Science and Tech. of China, China)