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): TBA

[Mo1K-1] [Tutorial] 10:30–11:15
Enhancing Fiber-to-The-Room (FTTR) Technologies: Addressing Key Challenges and Solutions (Invited Tutorial)
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)