CLEO PacificRim 2024 August 4-9, 2024 Songdo ConvensiA, Incheon, Korea

Session Title:	[We2K] Free-Space Optical Transmission Systems
Session Date:	August 7 (Wed.), 2024
Session Time:	10:45-12:15
Session Room:	Room K (204-205)
Session Chair(s)	Prof. Hyunchae Chun (Incheon Nat'l Univ., Korea)

[We2K-1] [Invited] 10:45-11:15

Adaptive Beam Control Technique for Inter-Satellite Laser Links

Hoon Kim (KAIST, Korea)

[We2K-2] 11:15-11:30

Dual-Mode OAM-OTFS for RIS-assisted FSO Communication Systems

Shuang Tang, Jianhua Pei, Weijie Dai, Jian Song, and Yuhan Dong (Tsinghua Univ., China)

[We2K-3] 11:30-11:45

Hybrid Acquisition and Pointing System Based on 500-nm Visible Light and 1550-nm Laser Using QAM-OFDM

Xuan Huang (China Telecom Research Inst., China), Zhibo Wang (Huawei Technologies Co., Ltd., China), Xu Xia, and Peng Chen (China Telecom Research Inst., China)

[We2K-4] 11:45-12:00

Over 100 Gbps 5 Meter Underwater Visible Light Communication System Employing OAM Multiplexing based on Tricolor Laser Transmitter

Haoyu Zhang, Jifan Cai, Li Yao, Yuning Zhou (Fudan Univ., China), Xiaolan Wang (Nanchang Univ., China), Yingjun Zhou, and Nan Chi (Fudan Univ., China)

[We2K-5] 12:00-12:15

Two-Way Optical Wireless Communication Systems for Transmitting 5G MMW Signals Using Two RSOAs

Tsai-Man Wu, Chih-Hong Lin, Yan-Zhen Xu, Jia-Lian Jin, Wei-Xiang Chen, and Hai-Han Lu (Nat'l Taipei Univ. of Tech., Taiwan)