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Session Title:	[We3K] Coherent Transmission
Session Date:	August 7 (Wed.), 2024
Session Time:	15:45-17:15
Session Room:	Room K (204-205)
Session Chair(s)	Prof. Tianwai Bo (Beijing Inst. of Tech., China)

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[We3K-1] [Invited] 15:45-16:15

Robust Timing Recovery Algorithms for Nyquist Digital-Multi-band Optical Coherent Systems

Jian Zhao, Ziheng Zhang, Wanzhen Guo (South China Univ. of Tech., China), Jiating Luo, and Bofang Zheng (Huawei Technologies Co., Ltd., China)

[We3K-2] 16:15-16:30

Novel Data-aided Timing Error Detector for One Sample per Symbol Nyquist Optical Communication Systems

Yue Wang, Meng Qiao, Zhaohui Li, and Dawei Wang (Sun Yat-sen Univ., China)

[We3K-3] 16:30-16:45

Experimental Study on Coherent Receiver Sensitivity for Binary Phase Shift Keying based Time-Domain Index Modulation Signals

Daichi Aoki, Ichiro Matui, and Wataru Imajuku (Kindai Univ., Japan)

[We3K-4] 16:45-17:00

Weighted K-means Clustering-enhanced Minimum Phase Signal Transmission at Lower CSPR Condition

Yuyang Liu, Xishuo Wang, Anxu Zhang, Lipeng Feng, Kai Lv, Hao Liu, Xia Sheng, and Xiaoli Huo (China Telecom Research Inst., China)

[We3K-5] 17:00-17:15

Phase Locking of a Compact Tuneable Laser to Optical Frequency Comb with Low Frequency Error

Win Indra, Zitong Feng, Josef Vojtěch, Meng Ding, and Radan Slavík (Univ. of Southampton, UK)