

Session Title:	[We1K] Impairment Compensation Techniques
Session Date:	August 7 (Wed.), 2024
Session Time:	09:00-10:30
Session Room:	Room K (204-205)
Session Chair(s)	Dr. Daniel J. Elson (KDDI, Japan)

[We1K-1] [Invited] 09:00-09:30

1.6-Tb/s O-band Transmission Using 400-Gb/s/lane SDM Channels Based on Nonlinear MLSE for Next-Generation Ethernet

H. Taniguchi, M. Nakamura, F. Hamaoka, T. Mori, K. Shibahara, T. Matsui, Y. Yamada, T. Jyo, M. Nagatani, M. Mutoh, Y. Shiratori, H. Wakita, T. Kobayashi, S. Yamamoto, H. Takahashi, K. Nakajima, Y. Kisaka, and Y. Miyamoto (NTT Corp., Japan)

[We1K-2] 09:30-09:45

2nd Order Backward Raman Amplifier Design using Autoencoder for C+L Band Transmission

Inwoong Kim, Youichi Akasaka, Olga Vassilieva, and Paparao Palacharla (Fujitsu Network Communications, Inc., USA)

[We1K-3] 09:45-10:00

Effects of Dispersion Fluctuation of Optical Fiber Line on the Nonlinear Fourier Coefficient b

Takumi Motomura, Akihiro Maruta, and Ken Mishina (Osaka Univ., Japan)

[We1K-4] 10:00-10:15

Turbulence-Free Long-Distance Optical Communication Based on Computational Temporal Ghost Imaging

Jianing Zhao, Zhenzhou Tang, Xiuyuan Sun, Han Gao, Haibo Zeng, Rongan Wu, and Shilong Pan (Nanjing Univ. of Aeronautics and Astronautics, China)

[We1K-5] 10:15-10:30

Measurement of Beam Wander Using 4 Degree of Freedom, and Calculation of Structure Constant Using Beam Wander

Jae Hyun Lim, Jeong Hun Seong, Shin Hyung Kim, Dong IL Lee, Ki Bin Gu, and Young-Jin Kim (KAIST, Korea)