

<b>Session Title:</b>	[Mo4K] Amplified Transmission Systems
<b>Session Date:</b>	August 5 (Mon.), 2024
<b>Session Time:</b>	17:00-18:30
<b>Session Room:</b>	Room K (204-205)
<b>Session Chair(s)</b>	Prof. Chao-Hsin Wu (Nat'l Taiwan Univ., Taiwan)

[Mo4K-1] [Invited] 17:00-17:30

Optical Parametric Amplification Technology with PPLN Waveguide for WDM Bandwidth Extension

Shimpei Shimizu, Takayuki Kobayashi, Takushi Kazama, Masashi Abe, Koji Enbutsu, Takahiro Kashiwazaki, Masanori Nakamura, Akira Kawai, Fukutaro Hamaoka, Takeshi Umeki, and Yutaka Miyamoto (NTT Corp., Japan)

[Mo4K-2] [Invited] 17:30-18:00

Coherent O-band WDM Transmission Using Bismuth Doped Fiber Amplifiers

Daniel J. Elson and Yuta Wakayama (KDDI Research Inc., Japan)

[Mo4K-3] 18:00-18:15

Optimization Strategy of Raman Pump for C+L+S Optical Transmissions with ANN

Rui Wang, Jing Zhang, Hong Lin, Xue Zhao, Bo Xu, and Kun Qiu (Univ. of Electronic Science and Tech. of China, China)

[Mo4K-4] 18:15-18:30

Real-time Transmission of 400GbE Signal over 4-Core Multi-Core Fiber in Data Center Network

Lipeng Feng (China Telecom Research Inst., China), Jun Chu (Yangtze Optical Fibre and Cable Joint Stock Limited Company, China), Yuyang Liu (China Telecom Research Inst., China), Yuanliang Chu (Yangtze Optical Fibre and Cable Joint Stock Limited Company, China), Hao Liu (China Telecom Research Inst., China), Lei Zhang (Yangtze Optical Fibre and Cable Joint Stock Limited Company, China), Taoling Xiang (Sunstar Communication Tech. Co., Ltd., China), Jie Luo (Yangtze Optical Fibre and Cable Joint Stock Limited Company, China), Tao Ma (China Telecom Co., Ltd., China), and Anxu Zhang (China Telecom Research Inst., China)