

Session Title:	[Th1K] Modulation Format
Session Date:	August 8 (Thu.), 2024
Session Time:	11:00-12:30
Session Room:	Room K (204-205)
Session Chair(s)	Prof. Hoon Kim (KAIST, Korea)

[Th1K-1] [Invited] 11:00-11:30

Advanced Modulation and Coding for Optical Communications

Junho Cho (Infinera Corp., USA)

[Th1K-2] 11:30-11:45

Endless Spatial Optical Phase Modulation by Complex Vector Synthesis Using LCoS

Seitaro Tani, Yuma Sato, Shun Harada, Zheqing Sun, Shuhei Otsuka, Tatsuki Ishijima, and Takahide Sakamoto (Tokyo Metropolitan Univ., Japan)

[Th1K-3] 11:45-12:00

Nonlinearity Mitigation with Comparing Probability Shaping-Based APSK and QAM in Visible Light Laser Communication System

ZhitengLuo, Xianhao Lin, Wenqing Niu, Yingjun Zhou (Fudan Univ., China), Xiaolan Wang (Nanchang Univ., China), and Nan Chi (Fudan Univ., China)

[Th1K-4] 12:00-12:15

Bounds on the Receiver Sensitivity of PPM Signals Having Finite Extinction Ratios

Jihoon Lee and Hoon Kim (KAIST, Korea)

[Th1K-5] 12:15-12:30

Enhanced Pulse-Position Optical Modulation based on Optical Delay Interferometer for Satellite Optical Communication

Young-Jin Hyun, Hyemin Park, and Sang-Kook Han (Yonsei Univ., Korea)