

Best Student Paper Award

ThG1-3

Multi-modal Data Fusion with Knowledge Graph for Alarm Root Cause Analysis in Optical Networks

Mofan Wang, Chunyu Zhang, Min Zhang, Danshi Wang
Beijing Univ. of Posts and Telecommunications

TuB1-3

100-Gbaud PAM-4 Transmission Using a Sub-Rate Sampled, Non-Integer Fractionally Spaced Volterra Equalizer

Jaeyoon Kim, Hoon Kim
KAIST

WH2-2

Broadband Mode-Dependent Loss Equalizer Using LPFG with Higher-Order Cladding Modes in 2LPMode Transmission Systems

Takumi Kimura¹, Takanori Sato¹, Masaki Wada², Taro Iwaya², Kazuhide Nakajima², Kunimasa Saitoh¹
¹Hokkaido Univ., ²NTT Access Network Service Systems Laboratories

TuD2-2

Beyond 100 GHz, High Responsivity, Waveguide-Coupled Deeply Recessed Germanium on Silicon Photodiode

Amir Shahin^{1,2}, Mathias Berciano^{3,2}, Conor Coughlan², Didit Yudistira², Shuchi Kaushik², Roger Loo^{2,1}, Hakim Kobbi², Minkyu Kim², Patrick Carolan², Marta Agati², Dries Van Thourhout^{1,2}, Maumita Chakrabarti², Peter Verheyen², Yoojin Ban², Filippo Ferraro², Joris Van Campenhout²
¹Ugent, ²IMEC, ³Nubis Communication

WD3-6

Diffraction Engineering Enabled by Bound States in the Continuum in Evanescent Field

Weiming Yao, Wanchang Gao, Yang Feng, Yanmei Li, Jiewen Li, Jinzhao Wang, Rui Li, Xiaochuan Xu
Harbin Institute of Technology

TuF3-6

High-Speed Free-Space Fabry-Perot Modulator with Metal-Organic-Hybrid Thin Films

Seidai Karakida, Koto Ariu, Go Soma, Takuo Tanemura
The Univ. of Tokyo

ME1-2

ALoRA: Hardware-Aware Fine Tuning for Photonic Large Neural Networks

Taichi Taniguchi¹, Mitsumasa Nakajima², Kohei Ikeda³, Toshikazu Hashimoto², Satoshi Kawakami¹
¹Kyushu Univ., ²NTT Device Technology Laboratories, ³NTT Basic Research Laboratories