

Best Paper Award

WA3-2

Experimental Demonstration of Optical-Analog-Optical Wavelength Conversion for Optical Cross-Connect

Haruka Minami¹, Takeshi Seki¹, Tatsunori Omiya², Toshifumi Nakamura², J. Kenji Clark², Yusuke Shimomura², Hitoshi Takeshita², Wakako Maeda², Rie Hayashi¹, Emmanuel Le Taillandier de Gabory², Takeshi Kuwahara¹

¹NTT Corporation, ²NEC Corporation

WD1-5

22.8-GHz Optical Frequency Comb Generation at 780nm based on Regeneratively Mode-locked Laser for Visible-light Coherent DWDM Communications

Takashi Kan, Shota Ishimura, Abdulaziz E. Elfiqi, Hidenori Takahashi, Takehiro Tsuritani
KDDI Research, Inc.

TuE2-2

Polarization Maintaining Fiber with Fluorine-Doped Stress Rods

Ming-Jun Li, Jeffery S Stone, Xin Chen, Jason E. Hurley
Corning Incorporated

MD1-2

High-power CW Operation of 1.3 μm -wavelength InP-based PCSELs with In-plane Hetero Photonic Crystal Structure

Makoto Ogasawara^{1,2}, Yuhki Itoh^{1,2}, Takeshi Aoki^{1,2}, Kousuke Fujii¹, Yusuke Sawada^{1,2}, Rei Tanaka¹, Shun Kimura¹, Hiroyuki Yoshinaga^{1,2}, Naoki Fujiwara^{1,2}, Hideki Yagi¹, Masaki Yanagisawa¹, Masahiro Yoshida², Takuya Inoue², Menaka De Zoysa², Kenji Ishizaki², Susumu Noda²

¹Sumitomo Electric Industries, Ltd., ²Kyoto Univ.

WE2-1

Computer-Generated All-In-One Wavelength Combiner-Splitter with Zr-doped core Planar Lightwave Circuit

Shiori Konisho, Junji Sakamoto, Hiromitsu Imai, Toshikazu Hashimoto
NTT Corporation

ThB1-2

Spectrum Narrowing Mitigation via Optoelectrical Hybrid Partial-Response Spectrum Shaping

Taisei Sekizuka¹, Reiji Higuchi¹, Kazato Satake¹, Takuma Kuno¹, Yojiro Mori², Hiroshi Hasegawa¹

¹Nagoya Univ., ²Toyota Technological Institute

WG3-2

Wireless D-Band Transmission of 80-Gb/s 16-QAM Signal Generated by Using Feedforward Compensation of Free-Running Lasers' Phase and Wavelength Fluctuations

Kyungmin Woo, Hoon Kim
Korea Advanced Institute of Science and Technology