

ACP2021

Best Paper Award in Industry Innovation

16-Tb/s (80X200-Gb/s) Nyquist DP-QPSK Transmission Over 10,000-km G.654E Fiber Using Silicon-Based Integrated Coherent Transceiver

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Transmission of 214 Gbps IM/DD PAM-4 Over 10 km Based on 25 GHz-Class EML Using Low-Power Nonlinear MLSE

Huanlu Li¹, Weiyu Wang¹, Jian Tang¹, Haiyang Zhang¹, Zhilei Huang¹, Qinyu Zhou¹, Guoxi Wang¹, Ming Li², Yuchun Lu¹

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Real-Time Demonstration of Fiber-to-the-Room for >1Gb/s Home Networking with Guaranteed QoS and Fast Roaming

Xuming Wu¹, Yan Zeng¹, Jianfei Liu¹, Philippe Chanclou²

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A 4X100 Gb/s DWDM Optical Link With all-Silicon Microring Transmitters and Receivers

Yuan Yuan¹, Wayne V. Sorin¹, Stanley Cheung¹, Yiwei Peng¹, Di Liang¹, Zhihong Huang¹, Marco Fiorentino¹, Raymond G. Beausoleil¹

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1300 nm and 1500 nm InAs/GaAs Quantum dot Lasers Directly Grown on SOI Substrates for Silicon Photonics Integration

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