

Session Title	Polarization Issues & Monitoring	Session Code	5B1
Date and Time	July 5 (Thu.) / 08:30-10:00 (90')		
Place	Room B		
Session Chair	Yuichi Akiyama (Fujitsu)		

5B1-1

08:30-08:45 (15')

Polarization De-Multiplexing using Modified Kalman Filter with Singularity Elimination in Coherent Optical OFDM Transmissions

Yang Jiang¹, Xingwen Yi^{1,2}, Xiatao Huang¹, Shaohua Hu¹, Wenjing Zhou¹, Jing Zhang¹, and Kun Qiu¹
¹Univ. of Electronic Sci. and Tech. of China, China, ²Sun Yat-Sen University, China

5B1-2

08:45-09:00 (15')

Sensitivity Analyses of Stokes-Vector Receivers for Cubic-Lattice Polarization Modulation

K. Kikuchi
Nat'l Inst. for Academic Degrees and Quality Enhancement of Higher Education, Japan

5B1-3

09:00-09:15 (15')

Effect of Polarization-Dependent Loss on Polarization Slew Rate

R. M. Jopson and E. C. Burrows III
Nokia Bell Labs, USA

5B1-4

09:15-09:30 (15')

Blind Modulation Format Identification based on Fourier Fitting for Coherent Receivers

Lin Jiang, Lianshan Yan, Anlin Yi, Yan Pan, Ming Hao, Wei Pan, and Bin Luo
Southwest Jiaotong Univ., China

5B1-5

09:30-09:45 (15')

Artificial Neural Network based Modulation Identification for Elastic Optical Networks

Q. W. Zhang, M. Liu, H. Zhou, J. Chen, B. Y. Cao, Y. X. Song, J. J. Zhang, Y. C. Li, and M. Wang
Shanghai Univ., China

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09:45-10:00 (15')

Fiber Link Analysis and Q-factor Estimation using CNN on Eye-Diagram

Jianqiang Li¹, Danshi Wang¹, Jin Li¹, Wei Yang², and Min Zhang¹
¹Beijing Univ. of Posts and Telecommunications, China, ²Beijing Information Sci. & Tech. Univ., China