



Session Title	Digital Signal Processing	Session Code	4F2
Date and Time	July 4 (Wed.) / 10:30-12:00 (90')		
Place	Room F		
Session Chair	Lianshan Yan (Southwest Jiaotong Univ)		

4F2-1

10:30-10:45 (15')

Experimental Investigation of Laser Linewidth Tolerance of 32-GBaud DP-256QAM Optical Coherent System

T. Sasai, F. Hamaoka, A. Matsushita, M. Nakamura, H. Kawakami, and Y. Kisaka
NTT Corp., Japan

4F2-2

11:00-11:15 (15')

Cold-Start of Decision-Aided Maximum Likelihood in Coherent Optical Receivers

Xiaodi You¹, Jian Chen¹, and Changyuan Yu²

¹Nanjing Univ. of Posts & Telecommunications, China, ²The Hong Kong Polytechnic Univ., China

4F2-3

11:15-11:30 (15')

An Improved Algorithm for Symbol Timing Synchronization in CO-OFDM System

Xueqi Wu, Jianfei Liu, Xiangye Zeng, Jia Lu, and Yanpeng Xu
Hebei Univ. of Tech., China

4F2-4

11:30-11:45 (15')

Peak-to-Average Power Ratio Suppression based on MPGA-SLM

Yang Ye¹, Mingyi Gao¹, Wei Chen¹, Junfeng Zhang¹, Xiaoyi Chen¹, Yuanyuan Ma¹, and Wei Chen²

¹Soochow Univ., China, ²Jiangsu Hengtong Fiber Sci. and Tech. Corp., China

4F2-5

11:45-12:00 (15')

An Iterative SLM for PAPR Reduction in Optical FRFT-OFDM Systems

Mengxin Han, Yating Wu, Yanzan Sun, Qianwu Zhang, and Baofeng Chen
Shanghai Univ., China