

Session Title	High Speed PON	Session Code	5A2
Date and Time	July 5 (Thu.) / 10:30-12:00 (90')		
Place	Room A		
Session Chair	Bin Yeong Yoon (ETRI)		

5A2-1 (Invited)

10:30-11:00 (30')

Low Latency and High Bandwidth Access Network with 100G-EPON

Han Hyub Lee, Kyeong-Hwan Doo, Kwangok Kim, Seung Hwan Kim, Jun Ki Lee, and Hwan Seok Chung
ETRI, Korea

5A2-2 (Invited)

11:00-11:30 (30')

NG -PON2 Development for 10G Internet Service : A Study Case of SK

Hongseok Shin, Youngjae Shim, and Sungmin Cho
SK Telecom, Korea

5A2-3

11:30-11:45 (15')

Experiment Demonstration of IM-DD based 50-Gbps PAM4 TDM-PON Downstream Scheme Enabled by Transmitter Pre-Emphasis and MLSE

Qi Guo¹, Bingchang Hua¹, Cheng Ju¹, Zhiguo Zhang¹, Yanxu Chen¹, Zhijuan Tu², Xingang Huang², Renzhong Guo³, and Qianwen Wu³

¹Beijing Univ. of Posts and Telecommunications, China, ²ZTE Corp., China, ³Jiujiang Electric Power Supply Company, China

5A2-4

11:45-12:00 (15')

28-Gb/s Faster-than-Nyquist PON with Optimized ISI Cancellation Algorithm

Jia Qi, Xizi Tang, Ji Zhou, Mengqi Guo, Tiantian Zhang, Shuangyue Liu, Xuekai Xu, Yueming Lu, and Yaojun Qiao
Beijing Univ. of Posts and Telecommunications, China