



Session Title	High Spectral Efficiency	Session Code	4B1
Date and Time	July 4 (Wed.) / 08:30-10:00 (90')		
Place	Room B		
Session Chair	Itsuro Morita (KDDI Research, Inc.)		

4B1-1 (Invited)

08:30-09:00 (30')

Faster-than-Nyquist Signaling for Optical Communications

Yaojun Qiao, Ji Zhou, Mengqi Guo, Xizi Tang, Jia Qi, and Yueming Lu
Beijing Univ. of Posts and Telecommunications, China

4B1-2 (Invited)

09:00-09:30 (30')

Spectrally Efficient Submarine Transmission with Flexible WME

Shaoliang Zhang
NEC Laboratories America, Inc., USA

4B1-3

09:30-09:45 (15')

Reverse Phase Modulation Technique for GAWBS Noise Error Floor Elimination in 1024 QAM-160 km Digital Coherent Transmission

Masato Yoshida, Naoya Takefushi, Masaki Terayama, Keisuke Kasai, Toshihiko Hirooka, and Masataka Nakazawa
Tohoku Univ., Japan

4B1-4

09:45-10:00 (15')

200 Gbit/s, 10 Gsymbol/s-1024 QAM Injection Locked Coherent Transmission over 160 km with a Pilot-Assisted Adaptive Equalizer

Keisuke Kasai¹, Yixing Wang¹, Seiji Okamoto^{1,2}, Masato Yoshida¹, and Masataka Nakazawa¹
¹Tohoku Univ., Japan, ²NTT Corp., Japan