



Session Title	SSB DD Systems	Session Code	4B4
Date and Time	July 4 (Wed.) / 16:00-17:30 (90')		
Place	Room B		
Session Chair	Willian Shieh (Univ. Melbourne)		

4B4-1 (Invited)

16:00-16:30 (30')

High-Speed Optical SSB Transmissions using Direct Detection

Xingwen Yi^{1,2}, Mingyue Zhu², Jing Zhang², Xiatao Huang², and Kun Qiu²

¹Sun Yat-Sen Univ., China, ²Univ. of Electronic Sci. and Tech. of China, China

4B4-2

16:30-16:45 (15')

Kramers-Kronig Direct Detection of 40-Gb/s OFDM Signal Generated by using EML

Sunghyun Moon, Tianwai Bo, Byung Gon Kim, Daeho Kim, and Hoon Kim
KAIST, Korea

4B4-3

16:45-17:00 (15')

Polarization Mode Dispersion Impacts on Kramers-Kronig Receiver

Chuanbowen Sun, Di Che, Robert Schmid, and William Shieh
The Univ. of Melbourne, Australia

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17:00-17:15 (15')

Impact of the IQ Imbalance on the Performance of Kramers-Kronig Receiver

Tianwai Bo and Hoon Kim
KAIST, Korea