

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<sup>1,2</sup>, Mingyue Zhu<sup>2</sup>, Jing Zhang<sup>2</sup>, Xiatao Huang<sup>2</sup>, and Kun Qiu<sup>2</sup>

<sup>1</sup>Sun Yat-Sen Univ., China, <sup>2</sup>Univ. 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

#### 4B4-4

17:00-17:15 (15')

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

Tianwai Bo and Hoon Kim  
KAIST, Korea