



Session Title	Transceiver Technologies	Session Code	5B4
Date and Time	July 5 (Thu.) / 16:00-17:30 (90')		
Place	Room B		
Session Chair	Xingwen Yi (Sun Yat-Sen Univ)		

## 5B4-1 (Invited)

16:00-16:30 (30')

### Flexible Transceivers and Solutions for Semi-Filterless Metro Networks

F. Cugini<sup>1</sup>, C. Porzi<sup>2</sup>, A. Bogoni<sup>1,2</sup>, and P. Castoldi<sup>2</sup>

<sup>1</sup>CNIT, Italy, <sup>2</sup>Scuola Superiore Sant'Anna, Italy

## 5B4-2 (Invited)

16:30-17:00 (30')

### Rate Adaptive Flexible Optical Transceivers

Kim Roberts

Ciena, Canada

## 5B4-3

17:00-17:15 (15')

### Cascade Compensation Scheme for IQ Imbalance and Polarization Crosstalk

Juntao Cao, Yanfu Yang, Qian Xiang, Qun Zhang, Xue Mao, and Yong Yao

Harbin Inst. of Tech., China

## 5B4-4

17:15-17:30 (15')

### Compensation of IQ Imbalance using Kalman Filter in Coherent Optical Systems

Qian Xiang, Yanfu Yang, Qun Zhang, Juntao Cao, and Yong Yao

Harbin Inst. of Tech., China