



Session Title	Signal Processing for Access Network	Session Code	5A3
Date and Time	July 5 (Thu.) / 14:00-15:30 (90')		
Place	Room A		
Session Chair	Seung-Hyun Cho (ETRI)		

### 5A3-1 (Invited)

14:00-14:30 (30')

#### Lite-Coherent Technology for Access Networks

Keisuke Matsuda, Ryosuke Matsumoto, Masashi Binkai, Tsuyoshi Yoshida, and Naoki Suzuki  
Mitsubishi Electric Corp., Japan

### 5A3-2 (Invited)

14:30-15:00 (30')

#### Injection Seeding Technologies and Their Applications

Chang-Hee Lee<sup>1,2</sup> and Il-Pyeong Hwang<sup>1</sup>  
<sup>1</sup>KAIST, Korea, <sup>2</sup>Chongqing Univ. of Tech., China

### 5A3-3

15:00-15:15 (15')

#### Performance Improvement of RSOA-based Coherent WDM PON using SBS Suppression and Erasing Frequency-Dithering Tone

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

### 5A3-4

15:15-15:30 (15')

#### Pro-Active Control VOA for Canceling Transient Response in Burst Optical Signal Transmission

Kana Masumoto, Masahiro Nakagawa, Toshiya Matsuda, Hidetoshi Onda, Masaru Katayama, and Kazuyuki Matsumura  
NTT Corp., Japan