



Session Title	Mode Division Multiplexing	Session Code	3A1
Date and Time	July 3 (Tue.) / 14:00-15:30 (90')		
Place	Room A		
Session Chair	TBA		

### 3A1-1 (Invited)

14:00-14:30 (30')

#### Recent Progress on Space Division Multiplexing Technology

Kazuhide Nakajima<sup>1</sup>, Takashi Matsui<sup>1</sup>, Yukihiro Goto<sup>1</sup>, Yutaka Miyamoto<sup>1</sup>, and Itsuro Morita<sup>2</sup>  
<sup>1</sup>NTT Corp., Japan, <sup>2</sup> KDDI Research, Inc., Japan

### 3A1-2 (Invited)

14:30-15:00 (30')

#### SDM for Power-Efficient Undersea Transmission

Oleg Sinkin, Alexey Turukhin, Maxim Bolshtyansky, Dmitri Foursa, and Alexei Pilipetskii  
TE SubCom, USA

### 3A1-3

15:00-15:15 (15')

#### Experimental Evaluation on Switching Operation for Mode and Wavelength Switched Network (M-WSON) using Weakly-Coupled Few-Mode Fiber

Seiya Sumita, Daiki Soma, Shohei Beppu, Yuta Wakayama, Hidenori Takahashi, and Takehiro Tsuritani  
KDDI Research, Inc., Japan

### 3A1-4

15:15-15:30 (15')

#### Demonstration of 4-Channel MDM System based on Digital Optical Phase Conjugation

Sunghyun Bae, Byoung Gon Kim, and Yun C. Chung  
KAIST, Korea