

Session Title	Optical Fibers for SDM	Session Code	5C3
Date and Time	July 5 (Thu.) / 14:00-15:30 (90')		
Place	Room C		
Session Chair	TBA		

### 5C3-1 (Invited)

14:00-14:30 (30')

#### Multimode and Coupled-Core Fiber Amplifiers for SDM

J. Enrique Antonio-Lopez<sup>1</sup>, J. Carlos Alvarado-Zacarias<sup>1</sup>, Zeinab Sanjabi-Eznaveh<sup>1</sup>, Pierre Sillard<sup>2</sup>, Adrian Amezcua-Correa<sup>2</sup>, Cedric Gonnet<sup>2</sup>, Marianne Bigot-Astruc<sup>2</sup>, Nicolas K. Fontaine<sup>3</sup>, Roland Ryf<sup>3</sup>, Haoshuo Chen<sup>3</sup>, and Rodrigo Amezcua-Correa<sup>1</sup>

<sup>1</sup>The Univ. of Central Florida, USA, <sup>2</sup>Prysmian Group, France, <sup>3</sup>Nokia Bell Labs, USA

### 5C3-2 (Invited)

14:30-15:00 (30')

#### Mode Dependent Loss Reduced Few-Mode Multi-Core Fiber Design for Repeated Dense SDM Transmission

T. Sakamoto<sup>1</sup>, K. Saitoh<sup>2</sup>, S. Saitoh<sup>3</sup>, K. Shibahara<sup>1</sup>, M. Wada<sup>1</sup>, Y. Abe<sup>1</sup>, A. Urushibara<sup>1</sup>, K. Takenaga<sup>3</sup>, T. Mizuno<sup>1</sup>, T. Matsui<sup>1</sup>, K. Aikawa<sup>3</sup>, Y. Miyamoto<sup>1</sup>, and K. Nakajima<sup>1</sup>

<sup>1</sup>NTT Corp., Japan, <sup>2</sup>Hokkaido Univ., Japan, <sup>3</sup>Fujikura Ltd., Japan

### 5C3-3 (Invited)

15:00-15:30 (30')

#### Short Reach MIMO-Less Space Division Multiplexing using Multi Elliptical Core Optical Fibers

Giovanni Milione  
NEC, Japan