



Session Title	Fiber Amplifiers	Session Code	4C2
Date and Time	July 4 (Wed.) / 10:30-12:00 (90')		
Place	Room C		
Session Chair	TBA		

#### 4C2-1 (Invited)

10:30-11:00 (30')

##### Fully Integrated SDM Amplifiers

Yongmin Jung, Saurabh Jain, Shaif-Ul Alam, and David J. Richardson  
Univ. of Southampton, UK

#### 4C2-2 (Invited)

11:00-11:30 (30')

##### Gain-Clamped Multimode Erbium Doped Fiber Amplifier

M. Wada, S. Aozasa, T. Sakamoto, T. Yamamoto, and K. Nakajima  
NTT Corp., Japan

#### 4C2-3

11:30-11:45 (15')

##### Reduction of Power Consumption of Optical Amplification with Hybrid Pumping Scheme MC-EDFA Controlled for Signal Allocation

E. Le Taillandier de Gabory, K. Matsumoto, H. Takeshita, and S. Yanagimachi  
NEC Corp., Japan

#### 4C2-4

11:45-12:00 (15')

##### Gain Enhancement of Broadband Single-Mode Cr-Doped Fibers Employing Thermal Annealing

Kai-Chieh Chang<sup>1</sup>, Jhuo-Wei Li<sup>1</sup>, Chun-Nien Liu<sup>1</sup>, Ting-Sou Rou<sup>1</sup>, Nan-Kuang Chen<sup>2</sup>, Sheng-Lung Huang<sup>3</sup>, and Wood-Hi Cheng<sup>1</sup>

<sup>1</sup>Nat'l Chung Hsing Univ., Taiwan, <sup>2</sup>Liaocheng Univ., China, <sup>3</sup>Nat'l Taiwan Univ., Taiwan