



Session Title	Nonlinear Interaction of Light	Session Code	5C2
Date and Time	July 5 (Thu.) / 10:30-12:00 (90')		
Place	Room C		
Session Chair	TBA		

## 5C2-1 (Invited)

10:30-11:00 (30')

### Coherent Photonic-Phononic Interactions in Integrated Circuits

Birgit Stiller, Moritz Merklein, and Benjamin J. Eggleton  
The Univ. of Sydney, Australia

## 5C2-2 (Invited)

11:00-11:30 (30')

### Nonlinear Optical Effects and Application in Two-Dimensional Materials

Jun Wang  
Shanghai Inst. of Optics and Fine Mechanics (SIOM)/Chinese Academy of Sci. (CAS)

## 5C2-3

11:30-11:45 (15')

### PSA Design, Counting Longitudinal Chromatic Dispersion Fluctuation in Highly Nonlinear Fiber

Youichi Akasaka<sup>1</sup>, Haoqian Song<sup>2</sup>, Yinwen Cao<sup>2</sup>, Fatemeh Alishahi<sup>2</sup>, Alan E. Willner<sup>2</sup>, and Tadashi Ikeuchi<sup>1</sup>  
<sup>1</sup>Fujitsu Lab. of America, USA, <sup>2</sup>Univ. of Southern California, USA

## 5C2-4

11:45-12:00 (15')

### Fiber and Integrated Thermo-Optic Devices based on 2D Materials

Kan Wu  
Shanghai Jiao Tong Univ., China