



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	Marcelo A. Soto (Universidad Técnica Federico Santa María)		

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), China

5C2-3

11:30-11:45 (15')

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

Youichi Akasaka¹, Haoqian Song², Yinwen Cao², Fatemeh Alishahi², Alan E. Willner², and Tadashi Ikeuchi¹
¹Fujitsu Lab. of America, USA, ²Univ. 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