



Session Title	Sensing Devices	Session Code	5E1
Date and Time	July 5 (Thu.) / 08:30-10:00 (90')		
Place	Room E		
Session Chair	Chang-Seok Kim (Pusan Nat'l Univ.)		

5E1-1 (Invited)

08:30-09:00 (30')

Ultra-Weak FBG Array for Fiber-Optic Sensing Applications

Cheng Cheng, Jianguan Tang, and Minghong Yang
Wuhan Univ. of Tech., China

5E1-2 (Invited)

09:00-09:30 (30')

Optical Reflectometry with Ultra-High Spatial Resolution and Long Measurement Range

Xinyu Fan and Zuyuan He
Shanghai Jiao Tong Univ., China

5E1-3

09:30-09:45 (15')

Si Photonics Waveguide Bragg Reflector based on Thin Graphene Oxide Grating Overlay

Nai-Wen Cheng, Chia-Wei Huang, Shih Hu, Chun-Hu Chen, and Yung-Jr Hung
Nat'l Sun Yat-sen Univ., Taiwan

5E1-4

09:45-10:00 (15')

Integrated High-Q Optomechanical Nanobeam Cavity for Refractive Index Sensing

Fei Pan, Kaiyu Cui, Guoren Bai, Xue Feng, Fang Liu, Wei Zhang, and Yidong Huang
Tsinghua Univ., China