



7th IEEE Electron Devices Technology and Manufacturing (EDTM) Conference 2023

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11D. Optical and Motion Sensors	
Session Date:	March 8(Wed.), 2023
Session Time:	13:30-15:05
Session Room:	Room D (#308 bc)
Session Chair:	Prof. Beomjoon Kim (The University of Tokyo) Prof. Kyungnam Kang (Yonsei University)

[11D-1] [Keynote]

13:30-13:55

Organic Small Molecule Integrated Photonic Devices

Andrea M. Armani

University of Southern California

[11D-2] [Invited]

13:55-14:15

Plasmonically Enhanced Spectroscopies for Optical Nanoimaging and Sensing

Prabhat Verma

Osaka University

[11D-3]

14:15-14:30

Bi₂O₂Se-Perovskite Heterostructure Based Bipolar Photosensors as Reconfigurable Logic-In-Sensor Devices

Lei Xu¹, Shuo Liu¹, Ru Huang^{1,2} and Ming He^{1,2}

¹Peking University, ²Beijing Advanced Innovation Center for Integrated Circuits

[11D-4]

14:30-14:45

A Liquid Medium Coriolis Gyroscope Based on Electrochemical Molecular Electronic Transducer for Low Angular Rate Sensing

Yik Kin Cheung and Hongyu Yu

The Hong Kong University of Science and Technology