

Session Title:	[Mo3B] Ultrafast and Nonlinear Optics in Emerging Materials III
Session Date:	August 5 (Mon.), 2024
Session Time:	15:15-16:45
Session Room:	Room B (104-106)
Session Chair(s)	Prof. Ji-Hee Kim (Pusan Nat'l Univ., Korea)

[Mo3B-1] [Invited] 15:15-15:45

High-performance Miniaturized Computational Spectrometers with Van Der Waals Junctions

Faisal Ahmed, Md Gius Uddin, Andreas C. Liapis, Yawei Dai, Xiaoqi Cui, Fedor Nigmatullin (Aalto Univ., Finland), Hoon Hahn Yoon (GIST, Korea), and Zhipei Sun (Aalto Univ., Finland)

[Mo3B-2] [Invited] 15:45-16:15

Device-level Ultrafast Spectroscopy of Two-dimensional Materials

Dongyang Wan, Tao Zhou, Yuwei Zhang, Junpeng Lu, and Zhenhua Ni (Southeast Univ., China)

[Mo3B-3] 16:15-16:30

Fast MoS₂ Photodetector with Ultralow Contact Resistance

Wangheng Pan, Anran Wang, Hu Chen, and Fengqiu Wang (Nanjing Univ., China)

[Mo3B-4] 16:30-16:45

Strong Phonon-assisted Luminescence from Indirect Excitons in Semiconductor Moiré Superlattices

Yerin Han, Seong Joon Jeon, Su-Beom Song, Sangho Yoon, Sera Yang (POSTECH, Korea), Kenji Watanabe, Takashi Taniguchi (Nat'l Inst. for Materials Science, Japan), Moon-Ho Jo, and Jonghwan Kim (POSTECH, Korea)