

<b>Session Title:</b>	<b>[Mo3B] Ultrafast and Nonlinear Optics in Emerging Materials III</b>
<b>Session Date:</b>	<b>August 5 (Mon.), 2024</b>
<b>Session Time:</b>	<b>15:15-16:45</b>
<b>Session Room:</b>	<b>Room B (104-106)</b>
<b>Session Chairs</b>	<b>TBA</b>

**[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 MoS<sub>2</sub> 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)