

<b>Session Title:</b>	<b>[Fr2B] Ultrafast and Nonlinear Optical Analysis</b>
<b>Session Date:</b>	<b>August 9 (Fri.), 2024</b>
<b>Session Time:</b>	<b>10:45-12:15</b>
<b>Session Room:</b>	<b>Room B (104-106)</b>
<b>Session Chairs</b>	<b>TBA</b>

**[Fr2B-1] [Invited] 10:45-11:15**

**Probing Deep-ultraviolet Optoelectronic Processes in Hexagonal Boron Nitride**

Jonghwan Kim (POSTECH, Korea)

**[Fr2B-2] 11:15-11:30**

**Post-Compression of Femtosecond Pulse at the Gigawatt Level in a Solid-State Multi-Pass Cell**

LIYA SHEN, JIAJUN SONG, YUJIE PENG, GUANGXIN LUO, YINFEI LIU, JIANYU SUN, and YUXIN LENG (Shanghai Inst. of Optics and Fine Mechanics, Chinese Academy of Sciences, China)

**[Fr2B-3] 11:30-11:45**

**Development of an Intense Few-Cycle Infrared Light Source and Its Application to High Harmonic Generation in the Water Window Region**

Nobuhisa Ishii, Momoko Maruyama, and Ryuji Itakura (Nat'l Inst. for Quantum Science and Tech., Japan)

**[Fr2B-4] 11:45-12:00**

**A Fully Automatic High-Resolution EUV Monochromator for EUV Metrology Applications**

Junfeng Cui, Runyu Meng, Bianli Zhao, Hao Yang, Jianhui Chen, and Xiaoshi Zhang (Yunnan Univ., China)

**[Fr2B-5] 12:00-12:15**

**Linear-Optics Time-Frequency Analysis of Multi-THz Bandwidth Pulses Over Sub-nanosecond Durations**

Geunweon Lim, Benjamin Crockett, Majid Goodarzi, and José Azaña (Inst. Nat'l de la Recherche Scientifique, Canada)