

Session Title:	[Fr2B] Ultrafast and Nonlinear Optical Analysis
Session Date:	August 9 (Fri.), 2024
Session Time:	10:45-12:15
Session Room:	Room B (104-106)
Session Chair(s)	Prof. Ming-Chang Chen (Nat'l Tsing Hua Univ., Taiwan)

[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)