

Session Title:	[Mo2B] Ultrafast and Nonlinear Optics in Emerging Materials II
Session Date:	August 5 (Mon.), 2024
Session Time:	13:30-15:00
Session Room:	Room B (104-106)
Session Chair(s)	Prof. Dong-Il Yeom (Ajou Univ., Korea)

[Mo2B-1] [Invited] 13:30-14:00

Nonlinear Optical Signatures of Topological Dirac Fermion

Shiwei Wu (Fudan Univ., China)

[Mo2B-2] 14:00-14:15

Exploration of Light-Spin Interaction: Coherent Dynamics and Laser-Induced Effects

In Cheol Yu, Jung Hyun Oh, San Ko, Kab-Jin Kim, Kyung-Jin Lee, and Fabian Rotermund (KAIST, Korea)

[Mo2B-3] 14:15-14:30

Ultrafast Element-Specific Microscopy for Electronic, Spin, and Structural Dynamics at the Nanoscale

Sergey Zayko, Hung-Tzu Chang (Max Planck Inst. for Multidisciplinary Sciences, Germany), Ofer Kfir (Tel Aviv Univ., Israel), Murat Sivas, and Claus Ropers (Max Planck Inst. for Multidisciplinary Sciences, Germany)

[Mo2B-4] 14:30-14:45

Table-Top Tunable Chiral Photonic Emitter

Lu Wang (Wuhan Inst. of Physics and Mathematics, Chinese Academy of Sciences, China), Marcelo Fabian Ciappina (Guangdong Technion - Israel Inst. of Tech., China), Thomas Brabec (Univ. of Ottawa, Canada), and Xiaojun Liu (Wuhan Inst. of Physics and Mathematics, Chinese Academy of Sciences, China)

[Mo2B-5] 14:45-15:00

Analysis of High-Order Harmonic Generation from a Chiral Molecule

Akihito Kato and Nobuhiko Yokoshi (Osaka Metropolitan Univ., Japan)