



International Workshop on Ultrafast Science and Technology

Feb.28th – Mar.1st, 2025

W319, Cooperation Center, Wako Campus, RIKEN

RIKEN Center for Advanced Photonics (RAP)

- Program -

Feb. 28 (Fri)

13:00 – 13:10 **Opening Address** Katsumi Midorikawa, Director of RAP

Research Presentation

- 13:10 – 13:40 Yuxi Fu, Xi'an Institute of Optics and Precision Mechanics (XIOPM), CAS
"Development of high power infrared femtosecond laser for attosecond science"
- 13:40 – 14:10 Bing Xue, Xi'an Institute of Optics and Precision Mechanism (XIOPM), CAS
"Intense isolated attosecond pulse generation and characterization in Soft X-ray"
- 14:10 – 14:40 Pengfei Lan, Huazhong University of Science and Technology, China
"Filming the attosecond movies with high harmonic spectroscopy: from molecules to solids"
- 14:40 – 15:00 - Coffee break -
- 15:00 – 15:30 Lu Xu, Huazhong University of Science and Technology, China
"Generation and measurement of ultrafast IR laser pulse"
- 15:30 – 16:00 Yu-Chieh Lin, Attosecond Science Research Team, RAP, RIKEN
"Shaping optical vortex pulses via carrier-envelope phase control"
- 16:30 – 17:00 Ya Cheng, Shanghai Institute of Optics and Fine Mechanics
"Large-scale photonic integrated circuits on thin film lithium niobate"
- 17:00 – 17:30 Shi Bai, Advanced Laser Processing Research Team, RAP, RIKEN
"Laser Fabricated Surface-Enhanced Raman Scattering Substrates and Applications"
- 18:00 – 20:00 Banquet

Mar. 1st (Sat)

- 10:00 – 12:00 Lab Tour
- 12:00 – 13:00 - Lunch -
- 13:00 – 15:00 Free Discussion