

Session Program

27-29 Aug 2025

**Workshop on Frontiers in Ultrafast Scattering
of Electrons**

***MeV-UED Enabled Ultrafast Chemical Science
in Gas and Liquid Phases***

SLAC, 48/1-112A/B/C/D - Redwood Rooms
2575 Sand Hill Rd, Menlo Park CA 94025

Wednesday 27 August

14:00

MeV-UED Enabled Ultrafast Chemical Science in Gas and Liquid Phases

Session | **Location:** SLAC, 48/1-112A/B/C/D - Redwood Rooms, 2575 Sand Hill Rd, Menlo Park CA 94025 |
Convener: Yusong Liu

14:00–14:05 **Speaker Introductions and Session Overview**

Speaker
Dr Yusong Liu

14:05–14:35

Gas-phase Ultrafast Electron Diffraction: Achievements, challenges and opportunities

Speaker
Dr Pedro Nunes

14:35–15:05

Studying the UV-induced isomerization and dissociation dynamics of gas-phase oxazole and isoxazole

Speaker
Prof. Daniel Rolles

15:05–15:35

UED Studies of the UV Photochemistry of Isolated and Solvated Bromoform

Speaker
Dr Oliver Gessner

15:35–15:40 **Coffee Break**

15:40–16:10

Capturing Chemical Motion in Solution: Insights from Femtosecond X-ray and Electron Scattering

Speaker
Dr Elisa Biasin

16:10–16:40 **Laser-Induced Streaking in Liquid-Phase Ultrafast Electron Diffraction**

Speaker
Prof. Jie Yang

17:15