Session Program

21–25 Sept 2026

Science@FELS

AMO Physics

Paul Scherrer Institut, Auditorium (WHGA/001)

Monday 21 September

11:00

AMO Physics

Session | **Location:** Paul Scherrer Institut, Auditorium (WHGA/001) | **Convener:** Kirsten Andrea Schnorr

11:00–11:25

Element-specific measurements of attosecond dynamics in isolated and solvated molecules

Speaker
Hans Jakob Wörner

11:25–11:50

Imaging collective quantum fluctuations of a complex molecule using Coulomb explosion

Speaker
Benoît Richard

11:50–12:05

Mapping XFEL Nanofoci with X-ray Fluorescence Intensity Correlations

Speaker
Robert Radloff

12:05–12:20

Controlling ionization with shaped FEL-pulses

Speaker
Ulf Saalmann

12:20–12:35

Probing IR-induced Ultrafast Plasma Dynamics in Doped Helium Nanodroplets by Time Resolved X-ray Photoelectron Spectroscopy

Speaker
Suddhasattwa Mandal

12:35–13:00

Femtosecond FEL-induced dynamics: from 2-level system to complex systems

Speaker
Saikat Nandi

13:00

Tuesday 22 September

08:30

AMO Physics

Session | **Location:** Paul Scherrer Institut, Auditorium (WHGA/001) | **Convener:** Andre Al Haddad

08:30–09:10 **New advances in attosecond chemistry (Tutorial)**

Speaker
Prof. Fernando Martin

09:10–09:25

Probing Phase Variations Across the Argon 3s Amusia-Cooper Minima using Phase-Locked XUV Harmonics from a Seeded Free-Electron Laser (FERMI)

Speaker
Arikta Saha

09:25–09:40

Ultrafast X-ray pump X-ray probe spectroscopy at the Maloja endstation of SwissFEL

Speaker
Loïc Lucien Cédric Bassement

09:40–10:05 **Strong-field ionization from dynamically correlated excited states**

Speaker
Gergana D. Borisova

10:05–10:30

Quantum Control of an Atomic Transition through Rapid Adiabatic Passage with an XUV Free-Electron Laser

Speaker
Felix Ritzkowsky

10:30