

Session Program

21-25 Sept 2026



Science@FELS

X-ray coherent imaging

Paul Scherrer Institut, Auditorium (WHGA/001)

Wednesday 23 September

14:00

X-ray coherent imaging

Session | **Location:** Paul Scherrer Institut, Auditorium (WHGA/001) | **Convener:** Christoph Bostedt

14:00–14:25

From X-ray damage reversal to single-exposure 3D nanoscale imaging via intense sub-femtosecond pulses

Speaker

Tais Gorkhover

14:25–14:40

Ultrafast Resonant Single-Particle Imaging with Attosecond XFEL Pulses

Speaker

Hankai Zhang

14:40–14:55

High-Throughput Single-Particle Imaging of Nonequilibrium Nanoparticle Ensembles Using Geometry-Constrained Reconstruction

Speaker

Zhou Shen

14:55–15:10

Fast Simulation of Wide-Angle Coherent Diffractive Imaging

Speaker

Paul Tuemmler

15:10–15:25

Coherent Correlation Imaging at XFELs: Enabling X-ray Imaging of Ultrafast Stochastic Processes

Speaker

Boris Sorokin

15:25–15:50

Two-color X-ray Coherent Diffraction Movies

Speaker

Alessandro Colombo

16:00