

Session Program

21-25 Sept 2026

A horizontal banner with a dark blue background. On the left is a stylized atomic model with glowing blue and red orbits and a central bright blue nucleus. To the right of the image, the text "Science@FELS 2026" is written in white. Below it, in smaller white text, are the dates "21. – 25. September 2026", the location "Paul Scherrer Institute", and "Switzerland". On the far right are two logos: the PSI logo (a sphere with a grid pattern) and the text "PSI Center for Photon Science", and below that, the FELs of Europe logo (a colorful wave pattern) and the text "FELS OF EUROPE".

Science@FELS 2026
21. – 25. September 2026
Paul Scherrer Institute
Switzerland

PSI Center for Photon Science
FELS OF EUROPE

Science@FELS

Chemistry

Paul Scherrer Institut, Auditorium (WHGA/001)

Monday 21 September

14:00

Chemistry

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

14:00–14:25

Testing the predictivity of computational photochemistry with ultrafast experiments

Speaker

Nanna Holmgaard List

14:25–14:50

Time-Resolved X-ray Photoelectron Spectroscopy of 200 nm-Excited Cyclobutanone

Speaker

Dr Xinhua Xie

14:50–15:05

Electronic precursors of proton transfer in urea solution revealed by attosecond X-ray pump and X-ray probe spectroscopy

Speaker

Seonggon Lee

15:05–15:20

Unveiling the Charge Carrier Dynamics in Colloidal Quantum Dots using Ultrafast X-ray and Optical Spectroscopies.

Speaker

Elisa Pauline Pascale Collet

15:20–15:45

Characterizing Proton-Coupled Electron Transfer Reactions using Time-Resolved X-ray Photoelectron Spectroscopy

Speaker

Antoine Sarracini

16:00

Wednesday 23 September

11:00

Chemistry

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

11:00–11:25

IR characterization of CO₂ adsorption on metal clusters: model systems for the catalytic active site

Speaker

Joost Bakker

11:25–11:40

Does Rotation Matter? Mapping Charge Transfer In Dissociating Molecules

Speaker

Björn Senfftleben

11:40–11:55

Terahertz driven nanosecond dynamics of oxygen defect state in anatase TiO₂–x

Speaker

Paola Di Pietro

11:55–12:10

From Time-Resolved X-ray Solution Scattering to Femtosecond X-ray Spectroscopy at the FXL Endstation of PAL-XFEL

Speaker

Jae Hyuk Lee

12:10–12:25

Ultrafast photoinduced electronic and structural modifications in CeO₂

Speaker

Eleonora Spurio

12:25–12:50

Femtosecond soft X-ray absorption spectroscopy on liquids at the Swiss Free Electron Laser

Speaker

Andre Al Haddad

13:00