

Session Program

21-25 Sept 2026



Science@FELS

Biology

Paul Scherrer Institut, Auditorium (WHGA/001)

Tuesday 22 September

11:00

Biology

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

11:00–11:40

"Fighting quantum yield: two challenging SFX targets"

Speaker

Thomas Lane

11:40–11:55

Impact of Electron Trapping on Coulomb Explosion Imaging of Proteins at XFELs

Speaker

Kalyani Chordiya

11:55–12:20

Crystal optics selects weak response of ultrafast crystallography

Speaker

Jasper van Thor

12:20–12:35

Analysis of diffraction data from time-resolved experiments suggests incoherent addition of populations of states

Speaker

Dusan Turk

12:35–13:00

Ultrafast X-ray biological imaging without crystals

Speaker

Filipe Maia

13:00

Wednesday 23 September

08:30

Biology

Session | **Location:** Paul Scherrer Institut, Auditorium (WHGA/001) | **Convener:** John Henry Beale

08:30–09:10

Integrated time-resolved structural biology approaches to visualize photoreceptor proteins at work

Speaker

Martin Weik

09:10–09:35

Sub-picosecond Low-Barrier Hydrogen Bond Collapse Preceding Proton Transfer Reaction in a Light-Driven Ion Pump

Speaker

Kirill Kovalev

09:35–09:50

Sample delivery for structural biology at the European XFEL

Speaker

Katerina Dörner

09:50–10:15

Sulfur Photochemistry in Human γ D-Crystallin

Speaker

Briony Yorke

10:15–10:30

Time-resolved GPCR photopharmacology at next-generation X-ray sources

Speaker

Jörg Standfuss

10:30