Session Program

22–24 Sept 2025

Scientific achievements through serial crystallography

Posters

LINXS at The Loop

Monday 22 September

17:15

Posters: Mingle & food

Session | **Location:** LINXS at The Loop,

17:15–17:30 **Posters & mingle food (Poster list with abstracts below)**

17:30–17:40

In crystallo study of the reaction mechanism in a family B DNA polymerase

Speaker
Vimal Parkash

17:40–17:50

Time-resolved serial crystallograhy to capture reaction intermediates of a glucuronyl esterase

Speaker
Gabrielle Wehlander

17:50–18:00

Comprehensive Support for Serial Crystallography at the European XFEL

Speaker
Huijong Han

18:00–18:10

Development of new data processing methods for serial time-resolved crystallography

Speaker
Rachel Tang

18:10–18:20 **Structural studies of the human drug-metabolising protein CYP3A4**

Speaker
Johan Glerup

18:20–18:30

Scientific opportunities for Serial Crystallography at ALBA synchrotron

Speakers
Isidro Crespo, Xavi Carpena i Vilella

18:30–18:40 **Reducing data volume with X-ray Laue diffraction**

Speaker
Kah Chee Pow

18:40–18:50 **Serial X – Simple Solutions for Serial Synchrotron Crystallography**

Speaker
Yanyan Chen

18:50–19:00

Experimental estimation of copper-ligand length precision in a model fungal LPMO under redox cycling and saccharide binding

Speaker
Zhiyu Huang

19:00–19:10
Time and dose resolved crystallography to control and capture redox states in heme peroxidases

Speaker
Michael Hough

19:10–19:20
Standard Sample Preparation and Characterization for Serial Crystallography

Speaker
Christina Schmidt

19:20–19:30 **Laser and Spectroscopic Capabilities at MicroMAX**

Speakers
Manoop Chenchiliyan, Sofia M. Kapetanaki

19:30–19:40
MicroMAX - A beamline with time-resolved macromolecular crystallography capabilities at the MAX IV Laboratory

Speaker
Jie Nan et al

19:40–19:50
Fragment Based Active Site Exploration of Polyurethane Degrading Enzymes for Structure-guided Protein Engineering

Speaker
Deniz Bicer

19:50