

Session Program

22-24 Sept 2025

Scientific achievements through serial crystallography

Tuesday

LINXS at The Loop

Tuesday 23 September

08:30

Tuesday: Morning & early afternoon

Session | Location: LINXS at The Loop,

08:30-09:00 **Arrival and coffee**

09:00-09:30

Time-resolved X-ray crystallography on membrane proteins: Watching ions moving in time and space

Speaker

Przemyslaw Nogly

09:30-10:00

Using advanced crystallographic approaches to resolve how orange carotenoid protein photocycle works

Speaker

Volha Chukhutsina

10:00-10:15 **GPCRs as Targets for Serial Crystallography**

Speaker

Hannah Glover

10:15-10:45 **Coffee break**

10:45-11:15

Serial femtosecond crystallography of high-valent metal sites and protein radicals

Speaker

Martin Högbom

11:15-11:45 **Modeling X-ray-Induced Heating at 4th-Generation MX Beamlines**

Speaker

Michał Kępa

11:45-12:00 **Quantum refinement used for time-resolved crystallography**

Speaker

Gayathri Yuvaraj

12:00-13:30 **Lunch and poster session**

13:30-13:50 **MicroMAX - Overview**

Speaker

Jie Nan

13:50-14:10 **Sample delivery at MicroMAX**

Speaker

Dean Lang

14:10-14:30 **Data analysis at MicroMAX**

14:30

Speaker

Cecilia Casadei