



# Scientific achievements through serial crystallography

## Monday 22 September 2025

### Posters: Mingle & food (17:15-19:50)

time	[id] title	presenter
17:15	[30] Posters & mingle food (Poster list with abstracts below)	
17:30	[31] In crystallo study of the reaction mechanism in a family B DNA polymerase	PARKASH, Vimal
17:40	[29] Time-resolved serial crystallography to capture reaction intermediates of a glucuronyl esterase	WEHLANDER, Gabrielle
17:50	[32] Comprehensive Support for Serial Crystallography at the European XFEL	HAN, Huijong
18:00	[33] Development of new data processing methods for serial time-resolved crystallography	TANG, Rachel
18:10	[34] Structural studies of the human drug-metabolising protein CYP3A4	GLERUP, Johan
18:20	[39] Scientific opportunities for Serial Crystallography at ALBA synchrotron	CRESPO, Isidro CARPENA I VILELLA, Xavi
18:30	[35] Reducing data volume with X-ray Laue diffraction	POW, Kah Chee
18:40	[40] Serial X – Simple Solutions for Serial Synchrotron Crystallography	CHEN, Yanyan
18:50	[36] Experimental estimation of copper-ligand length precision in a model fungal LPMO under redox cycling and saccharide binding	HUANG, Zhiyu
19:00	[37] Time and dose resolved crystallography to control and capture redox states in heme peroxidases	HOUGH, Michael
19:10	[38] Standard Sample Preparation and Characterization for Serial Crystallography	SCHMIDT, Christina
19:20	[58] Laser and Spectroscopic Capabilities at MicroMAX	CHENCHILIYAN, Manoop KAPETANAKI, Sofia M.
19:30	[59] MicroMAX - A beamline with time-resolved macromolecular crystallography capabilities at the MAX IV Laboratory	NAN ET AL, Jie
19:40	[60] Fragment Based Active Site Exploration of Polyurethane Degrading Enzymes for Structure-guided Protein Engineering	BICER, Deniz