



## SATELLITE WORKSHOP - Photon Science

### XPCS at PETRA IV: Present Status and Future Upgrade Plans for Coherent Application Beamline P10

28th January 2026

This workshop presents the current status of XPCS at the Coherence Applications Beamline P10 and beyond, highlight some technical developments, and show experiments & results. The exciting perspective of XPCS at PETRA IV will be discussed, and the workshop aims to give room for active exchange and discussion.

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#### PROGRAMME

*Chair: Felix Lehmkuhler*

9:00 – 9:05	Welcome	
9:05 – 9:15	XPCS at PETRA IV: Open Questions and New Approaches to Matter in Motion	Christian Gutt
9:15 – 9:25	P10 – Current Status	Fabian Westermeier
9:25 – 9:35	Coherent Applications Beamline CAB at PETRA IV - Outlook	Wojciech Roseker
9:35 – 9:55	Protein Dynamics with XPCS: From PETRA III to PETRA IV	Nimmi Das Anthuparambil
9:55 – 10:15	TEMPUS, an event driven detector for XPCS	Jonathan Correa

10:15 – 10:40    *Coffee break*

*Chair: Wojciech Roseker*

10:40 – 11:00	X-ray induced Fluidization in Covalent Glasses	Francesco Dallari
11:00 – 11:20	XPCS Studies of Light-Induced Phase Segregation in Lead-Halide Perovskites	Ivan Zaluzhnyy
11:20 – 11:40	Amorphous Ices Studied with XPCS: Experiments and Analysis techniques	Tobias Eklund
11:40 – 12:00	XPCS at European XFEL	Johannes Möller

12:00    *End of workshop*