XFEL Applications in Photochemistry and Energy Research

Institute of Physics, Polish Academy of Sciences, al. Lotników 32/46, Warsaw

Tuesday - November 24th, 2026

10:30	Registration and Coffee	30 min.
11:00	*“Joint opening by the EuXFEL Council Chairperson & IF PAN Management”*	10 min.
11:10	*“Welcome from the Scientific Advisory Board of CD XFEL"* Robert Feidenhans'l (University of Copenhagen)	20 min.
11:30	*"Probing ultrafast structural and electronic dynamics in photochemistry and energy materials using X-ray free electron lasers"* Chris Milne (European XFEL)	45 min.
12:15	*"Ultrafast photochemistry probed by spectroscopy and scattering techniques at Alvra - SwissFEL"* Camila Bacellar (Swiss FEL, PSI)	45 min.
13:00	Business lunch	45 min
13:45	*“Ultrafast probing of molecular excited state dynamics at FELs”* Markus Guhr (University of Hamburg and DESY)	45 min.
14:30	*"XFEL-based Time-Resolved X-ray Solution Scattering as a tool for tracking solute and solute-solvent dynamics in photoexcited systems "* Kristoffer Haldrup (Technical University of Denmark)	45 min.
15:15	Coffee break & group picture	30 min.
15:45	*„Probing the excited state of multi-component double perovskite nanocrystals with femtosecond X-ray absorption spectroscopy”* Łukasz Kłopotowski (Institute of Physics PAS)	30 min.
16:15	*"Short presentation from CD XFEL grantees"* Rafal Fanselow (Institute of Nuclear Physics, PAN) Joanna Grelska (Warsaw University) Edyta Piskorska (INTiBS PAN, Wrocław)	45 min.
17:00	End of sessions	

Wednesday - November 25th, 2026

9:00	Registration and Coffee	30 min.
9:30	*"Tracking bond activation with X-ray spectroscopy"* Philippe Wernet (Uppsala University)	45 min.
10:15	*"Unravelling excited-state dynamics in molecular dyads using ultrafast X-ray spectroscopy”* Wojciech Gawelda (Adam Mickiewicz University Poznań. Paderborn University)	30 min.
10:45	Coffee break	30 min.
11:15	*"The role of energy transfer in the UV photochemistry of disulfide bridges in proteins”* Nils Huse (University of Hamburg)	45 min.
12:00	*“From Electronic Structure to Ultrafast Dynamics in Photoactive Materials: X-ray Spectroscopy at Synchrotrons and XFELs”* Anna Wach (SOLARIS. Jagiellonian University)	30 min.
12:30	Business lunch	45 min
13:15	*"Short presentation from Polish researchers”* Mohammad Shakeri (Institute of Nuclear Physics, PAN) Malgorzata Makowska (Jan Długosz University, Częstochowa)	30 min.
13:45	*“Support for Polish XFEL researchers”* Katarzyna Jarzembska (University of Warsaw) Wojciech Gawełda (Adam Mickiewicz University Poznań)	30 min.
14:15	Close-out	

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