

XFELs for Beginners 2021

Tuesday, 27 April 2021

Lectures: Opening (prof. Wojciech M. Kwiatek-President of Polish Synchrotron Radiation Society, prof. Tadeusz Lesiak-Director of Institute of Nuclear Physics PAN) - Chairman (09:45 - 10:00)

Lectures: dr. Jacek Krzywiński (National Center for Nuclear Research & Stanford Linear Accelerator Center) „XFEL radiation – generation and properties” - Chairman (10:00 - 10:30)

Lectures: dr Christopher Milne (European XFEL) "Introduction to experiments at XFELs" - Chairman (10:30 - 11:00)

Lectures: dr. Adrian Mancuso (XFEL) “Looking at the structure of proteins with X-ray lasers: why and how” - Chairman (11:15 - 11:45)

Lectures: prof. Wojciech Gawęda (Universidad Autónoma de Madrid) "Observing coherent atomic motions with ultrashort X-rays" - Chairman (11:45 - 12:15)

Lectures: Dr. Przemysław Nogly (ETH Zurich) "Time-resolved serial crystallography of ion pumping rhodopsins" - Chairman (12:15 - 12:45)

Wednesday, 28 April 2021

Lectures: prof. Beata Ziaja-Motyka (DESY, Center for Free-Electron Laser Science and Institute of Nuclear Physics PAN)
"How ultrashort intense X-ray pulses can be used to modify materials." - Chairman (09:30 - 10:00)

Lectures: dr Camila Bacellar Cases da Silveira (SwissFEL) "Spectroscopy with tender and hard x-rays: Alvrá endstation at SwissFEL" - Chairman (10:00 - 10:30)

Lectures: dr hab. inż. Jerzy Antonowicz (Warsaw University of Technology) "Ultrafast solid-liquid and liquid-solid phase transitions in metals" - Chairman (10:45 - 11:15)

Lectures: Prof. Anders Madsen (European XFEL) "Applications of X-ray coherence at MID" - Chairman (11:15 - 11:45)

Lectures: dr. Wojciech Roseker (DESY, Coherent X-ray Scattering (FS-CXS)) "Probing ultrafast dynamics at XFELs using split-and-delay approach" - Chairman (11:45 - 12:15)

Lectures: dr. hab. Ryszard Sobierajski (Institute of Physics PAN) "How to apply for a beamtime at XFEL ?" - Chairman (12:15 - 12:25)