

Session Program

21-27 Sept 2026



NOBUGS 2026

Poster Session & Luncheon

EuXFEL Lighthouse

Wednesday 23 September

11:30

Poster Session & Luncheon

Poster Session | Location: EuXFEL Lighthouse

Hybrid Cloud-based Instrument Control Framework for Next-Generation Neutron Experiments at MLF, J-PARC

Speaker

Kentaro Moriyama

Better HDF5 Software: Improving Performance, Robustness, and Interoperability for Scientific Data

Speaker

Ms Elena Pourmal

Advancements in the automated data analysis of high-throughput crystallographic fragment screening experiments

Speaker

Dr Rowan Walker-Gibbons

DAPHNE4NFDI: Data from PHoton and Neutron Experiments

Speaker

Zeynep Isil Isik Dursun

DonkiOrchestra 2.0: a common software framework for data collection and experiment management at Elettra 2.0

Speaker

Roberto Borghes

Unified Data Access and Real-Time Visualization for Surface Scattering: Integrating the PHOTONIC Service with Community Analysis Tools

Speaker

Ajit Seth

Automated and reproducible tomography data processing at ESRF

Speaker

Pierre-Olivier Autran

MXCuBE-Web meets neutrons at the NMX Macromolecular Diffractometer of ESS

Speaker

Laís Pessine do Carmo

Nx5d and the Spice Concept: Declarative Parameter Management For Beamline Data Analysis

Speaker

Florin Boariu

Monitoring and Data Quality Assessment Pipeline for Single-Particle Imaging Experiments at European XFEL

Speaker

Egor Sobolev

Architecture and Implementation of a Unified Scientific Computing Platform for Advanced Light Source Experiments**Speaker**

Qing Bao Hu

Continuous Integration and Continuous Deployment at DESY**Speaker**

Regina Hinzmann

FAIR Data Workflow Automation: The DAPHNE4NFDI X-Ray Reflectivity Use Case**Speaker**

Nicolas Hayen

OSCARS - A European Project Bridging the Open Science Gap**Speaker**

Paul Millar

Deployment strategy for Beamline and Experiment Control (BEC) at SLS 2.0**Speaker**

Ivan Usov

Hybrid desktop applications for DESY legacy control system GUI modernization using Tauri 2**Speaker**

Emil Galikeev

Upstreaming Online Data Analysis**Speaker**

David Hammer

Advancing FAIR Beamline Data with Direct DOI Dataset Access (D3A) in OSCARS**Speaker**

Paul Millar

CAmagick: Rapid Integration for Data Acquisition and Processing**Speaker**

Florin Boariu

Data management infrastructure for European XFEL**Speaker**

Janusz Malka

From Scientific Data Policy to Operational FAIR Data Management Workflows at European XFEL using myMdC**Speaker**

Luis Maia

When Things Go Wrong: Operational Diagnostics in the Control System at MAX IV**Speaker**

Dmitry Egorov

reflectorch - a machine learning Python package for X-ray and neutron reflectometry analysis

Speaker

Dmitrii Lapkin

From Photons to Bytes - Overview of the SwissFEL Measurement Stack

Speaker

Natalia Woznica

sophys-web: Web-Based Beamline Control Applications for the Bluesky Ecosystem

Speaker

Igor Torquato

Data Streaming at the ISIS Neutron and Muon Source

Speaker

Frederick Akeroyd

myLog as a Platform for Experimental and Operational Collaboration at European XFEL

Speaker

Luis Maia

13:00