

Session Program

21-27 Sept 2026



NOBUGS 2026

Poster Session & Reception

EuXFEL Lighthouse

Tuesday 22 September

18:15

Poster Session & Reception

Poster Session | **Location:** EuXFEL Lighthouse

From Browser to Beamline: Deploying Taranta with OAuth2Proxy, Daiquiri, and Consul at DESY

Speaker

Udai Singh

Bluesky Queueserver for Sardana: Running Sardana Macros via the Bluesky Queue Server

Speaker

Udai Singh

Improving Data FAIRness through AI

Speaker

Max Novelli

mmg_toolbox - a collaborative repository of python tools for magnetic materials experiments on x-ray beamlines

Speaker

Dan Porter

How do you coordinate Electron microscope hardware, enabling smarter experiments?

Speaker

Utkarsh Pratiush

APS Transition to the American Science Cloud for X-ray Data Analysis

Speaker

Hannah Parraga

A Modular Workflow Management System for Data Processing at Advanced Photon Sources

Speaker

Hao-Kai Sun

pydidas: A tool for X-ray diffraction data analysis

Speaker

Malte Storm

PDF data reduction on 2D data: for fibre textured (thin film) samples

Speaker

Jiatu Liu

Extending Mantid Indirect Data Reduction Workflows for the OSIRIS Silicon Analyser Upgrade

Speaker

Dr Silke Schomann

OCDM: A Web-Based Platform for On-Call and Shift Management at the European XFEL**Speaker**

Hugo Santos

blisswebui: simple monitoring UIs built on the bliss REST API and @esrf/daiquiri-lib**Speaker**

Stuart Fisher

Single crystal diffraction data reduction with OpenHKL**Speaker**

Zamaan Raza

Karabo 3: Architectural Enhancements and Device Migration**Speakers**

Dennis Göries, Mr Wajid Ehsan

Karabo Interfaces to Other Control Systems**Speaker**

Gabriele Giovanetti

KIWI: Karabo's Interactive Web Interface**Speaker**

David Adebayo Olude

Design of New Generation Data Management System at CSNS**Speaker**

Mr Ming Tang

The ESRF Software and Data ecosystem**Speaker**

Vicente Rey-Bakaikoa

AI Agent System for Autonomous Data Analysis in Nuclear Resonant Scattering Experiments at Synchrotron Light Sources**Speaker**

Gholamhossein Haghighat

LIMA2 at the ESRF: challenges, progress and future**Speaker**

Alejandro Homs Puron

When Good Software Practices Meet Scientific Reality: Lessons from Data Reduction**Speaker**

Michael Walsh

DNS Reduction: software for data reduction at DNS**Speaker**

Oleksandr Koshchii

Data loading and delivery at the FLASH free electron laser: the fab package

Speaker

Fabiano Lever

AI Copilot for FEL Experiments**Speaker**

Mahmoud Ajami

FPGA-Based Edge Computing for Real-Time Data Processing at the European XFEL**Speaker**

Viacheslav Kosterin

Toward Autonomous Beamline Operation: Early Integration of a Beamline Agent in BLISS at PETRA P25**Speaker**

Dr Canrong Qiu

Leveraging Filesystem Events to Enhance XFEL Data Management**Speaker**

Dr Nasser Al-Qudami

Schema-Driven Metadata Curation enabling DOI-Ready Workflows and beamtime data services leveraging on BlissData**Speaker**

Anjali Aggarwal

20:00