

DAPHNE4NFDI Making Data FAIR and AI-Ready

DESY - EuXFEL Users' Meeting 2026 - Satellite Session

28 January 2026 Wednesday, 11:00 – 16:00

Building 1b, Seminar room 4a-b, DESY Hamburg Campus



Program

Time	Topic	Contributor
11:00 – 11:30	Welcome + DAPHNE4NFDI Talk	Bridget Murphy (DAPHNE4NFDI Spokesperson Deutsches Elektronen-Synchrotron DESY; Group Leader LISA, Institute of Experimental and Applied Physics Kiel University)
11:30 – 12:00	Ten-Year Perspective and Future Directions for Research Data Management at PSI's Swiss Neutron and Photon Facilities (20-min talk, 10-min discussion)	Alun Ashton (Head of Science IT Infrastructure and Services (AWI) Department; Center for Scientific Computing, Theory and Data (SCD) Paul Scherrer Institute (PSI))
12:00 – 12:30	Publishing Raw Data, Metadata Capture with imgCIF (20-min talk, 10-min discussion)	Loes M. J. Kroon-Batenburg (Editor IUCRData - Raw Data Letters Structural Biochemistry Utrecht University)
12:30 – 12:40	Break	
12:40 – 13:20	Moderated Lunch Discussion	Christian Gutt (DAPHNE4NFDI co-spokesperson; X-Ray Science Group Leader University of Siegen), Fabio Dall'Antonia (DAPHNE4NFDI co-spokesperson; Data Analysis Projects Coordinator European XFEL (EuXFEL))
13:20 – 13:30	Break	
13:30 – 13:45	DataDOIs with SciCat at DESY (10-min talk, 5-min discussion)	Anjali Aggarwal (Data Scientist Deutsches Elektronen-Synchrotron DESY)
13:45 – 14:15	How to automate reproducible workflows on beamlines to produce FAIR processed data using Ewoks (20-min talk, 10-min discussion)	Pierre-Olivier Autran (Software Engineer in Data Automation European Synchrotron Radiation Facility (ESRF))
14:15 – 14:45	Present and Future Plans for RDM in the Framework of the ROCK-IT Project (20-min talk, 10-min discussion)	Edgar Weckert (Senior Lead Scientist in Photon Science, Project Leader ROCK-IT Deutsches Elektronen-Synchrotron DESY)

14:45 – 15:00	Automated Reflectivity Analysis at P08 Enhanced by AI (10-min talk, 5-min discussion)	Nicolas Hayen (Data Scientist Kiel University)
15:00 – 15:15	Data Analysis at European XFEL: The XPCS Use Case (10-min talk, 5-min discussion)	James Wrigley (Software Developer for High- Performance Data Analysis European XFEL (EuXFEL))
15:15 – 15:30	Poster Flash Talks	
15:30 – 16:00	Poster Session	