



Data management, analysis, and reduction at European XFEL

26.01.2024 / 08:55 – 16:30

Virtual Meeting

Abstract. The aim of this workshop is to gather users of the European XFEL interested in accessing and analyzing experimental data. During the event, we will provide tutorials on these topics, and report on present solutions developed in-house. A particular focus will be on introducing the future scientific data policy, and discussing its immediate implications for users. We aim at leaving ample time for discussion, and look forward for your feedback and ideas.

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08:55 Welcome to the tutorials session		
	Parallel I: European XFEL data primer	Parallel II: Learn the tool
09:00	Basics: services, resources, and data access	Serial femtosecond crystallography with EXtra-Xwiz
09:45	Introduction to offline data analysis	Online data analysis with EXtra-metro
10:30	Introduction to online data analysis	Experiment overview with DAMNIT
11:15	Break	
11:30	News and data highlights	
12:30	The future scientific data policy	
13:00	Break	
13:45	The data management plan	
14:15	Data reduction activities at European XFEL	
14:45	Data reduction activities at LCLS	
15:15	Break	
15:30	Round table discussion	