

Bad Honnef-Seminar:

“Opportunities and Challenges of FAIR Data at Photon and Neutron Facilities”

	12.10.2025 (Sunday)	13.10.2025 (Monday)	14.10.2025 (Tuesday)	15.10.2025 (Wednesday)
8:00	Breakfast			
9:00		Fair data principles (Alejandra Gonzalez-Beltran)	Data infrastructures - from a German perspective (York Sure-Vetter)	The need to establish quality and trust in FAIR data (Simon Coles)
9:40		Planning for a batterie data space at HZB (Heike Görzig)	Federating large volumes of data in scientific collaborations (Thorsten Harenberg / Marisa Sandhoff)	Data & analysis from industrial perspective (Simon Jacques)
10:20		Coffee	Coffee	Coffee
10:40		ISGN/DataCite (Thorge Peterson)	The science of cooking egg yolk - tracking protein dynamics with big data workflows in DAPHNE4NFDI (Christian Gutt)	Analysis of TOF neutron data (Toby Perring)
11:20		3 contributed talks	3 contributed talks	3 contributed talks
12:20		Lunch & group photo	Lunch	Lunch
14:00	Arrival, Check-In and	Documenting your experiment: The use of electronic notebooks (Wiebke Lohstroh)	FAIR data and curated data repositories for x-ray spectroscopy (Matthew Newville)	Future of FAIR data at photon sources (Britta Redlich)
14:40	Welcome coffee	Fair data and metadata catalogues (Max Novelli)	Detectors – big data & smart analysis (Max Burian)	Future of FAIR Data at Neutron Sources (Helmut Schober)
15:20	Welcome + intro PaN (Organizers)	Materials spectroscopy: From theoretical approaches and workflows to experimental techniques and their representation in NOMAD (Claudia Draxl)	Machine Learning for x-ray and neutron science: Concepts, Chances and Challenges (Frank Schreiber)	Summary and final Discussion Round presentation of poster prizes
15:30				
16:00	Considering data at PaN facilities: Challenges and Opportunities (Bridget Murphy)	Coffee	Coffee	Farewell Coffee
16:40	Data on European level - EOSC, and the PaN community contributing to its development (Andy Götz)	Poster flash I	Poster flash II	
17:20	Introduction to FAIR data (Mark Wilkinson)	Poster session I	Poster session II	
18:00				
18:30	Dinner	Dinner	Conference Dinner	Invited talk: 30 min presentation + 10 min discussion Abstract deadline: 31.07.2025
20:00	Evening talk: Neuroscience at the intersection of technology and computing (Markus Axer)	Continued poster discussion and interaction		
20:40	Discussions & networking	Discussions & networking	Discussions & networking	