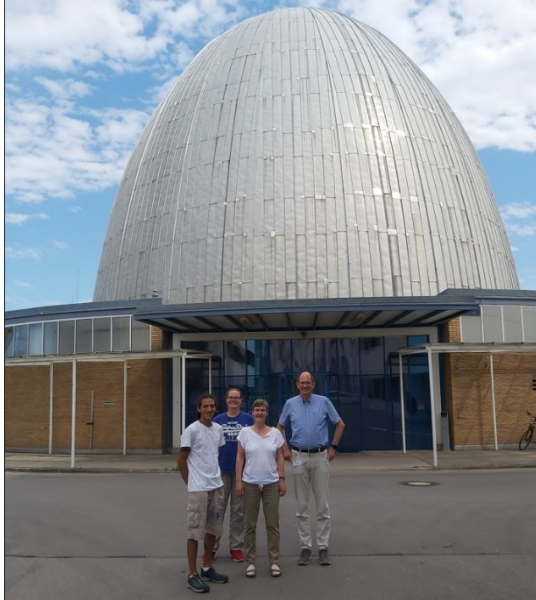


Shaping the Future of Neutron Experiments Data



From August 4-5, 2022, members of the [DAPHNE Dissemination and Outreach](#) team met at the [Heinz Maier-Leibniz-Zentrum \(MLZ\)](#) to discuss the future of FAIR photon- and neutron (PaN) data.



Project DAPHNE4NFDI aims to promote research with photons and neutrons by making data [FAIR](#), meaning Findable, Accessible, Interoperable and Re-usable.

DAPHNE4NFDI's main goals are:

- Improve metadata capture through consistent workflows
- Establish community repositories of processed data
- Develop, curate and deploy user-developed analysis software on facility computing infrastructure

Around ten participants attended a number of meetings on Use Cases regarding metadata for instrument control, ELNs and metadata ingestion. Attendants came from different DAPHNE [Task Areas](#), not only from Dissemination and Outreach, and from instrument control, central IT or cloud services at MLZ. This gave in-depth insight, a clear picture of current challenges and how to tackle them in the next step.

On Friday August 5th, the external visitors from [KIT](#) participated in a guided and excellent tour of the neutron facility and different beamlines. In this way the present challenges of neutron research, best-practice example and the corresponding data acquisition and analysis chain could be discussed on-site.

Finally and most importantly, DAPHNE4NFDI's Dissemination and Outreach future strategy was discussed with its next steps, embracing all DAPHNE TA's. A meeting of all TA's is planned for next year in early spring.

All in all, it was a very productive meeting with lots of interesting topics. We look forward to further and similar meetings at other [DAPHNE4NFDI](#) facilities and partners.

If you are interested in joining DAPHNE4NFDI, please send us an email at: contact@daphne-nfdi.de.