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Advances in neutron instrumentation and techniques offer new opportunities for researchers. At the same time there is an increasing demand to make measured data accessible to the wider community through improved research (meta)data- management, and for implementation of FAIR data principles by which data should be made Findable, Accessible, Interoperable and Reusable. The challenge is becoming even greater due to increasing data rates, multi-dimensional data sets and in-situ / operando experiments. New data management and analysis schemes are established, metadata capture for re-use with searchable catalogues is deployed, and on-the-fly data analysis and reduction are developed. Within the DAPHNE4NFDI initiative such workflows along the whole data pipeline are exemplarily within use cases and systematically connected to prior and subsequent laboratory work. This presentation will give an overview of our activities at the Heinz Maier-Leibnitz Zentrum (MLZ) in Garching.

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