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Progress of work by colleagues from European XFEL focused on TA3 while affecting the other task areas as well. Developments of the DAMNIT system for near-online extraction and presentation of metadata and orchestration of data processing/analysis pipelines included the establishment of a web-frontend version, the preparation of an infrastructural change for a centralized database, and the prototyping of a data export interface, with the pioneering use case of communication with the Open-XPCS platform from Siegen university.

Other advancements presented will be the expanded treatment of PaNET terms for experiment techniques that are now also integrated to the data acquisition systems of our scientific instruments, the implementation of data management plans and their link to the Electronic Lab Notebook and other services at our facility, and finally work on a metadata collection, conversion and validation workflow for raw crystallographic diffraction data, which is expected to be of high interest to the DAPHNE4NFDI community.

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