PUNCHLunch –
the online lunch seminar of the PUNCH4NFDI Consortium
Every second Thursday, 12:30-13:30 hrs: keynote and discussion

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Thursday, 14 Oktober 2021, 12:30 hrs:
Anton Barty (DESY) for the DAPHNE4NFDI team

"DAPHNE4NFDI –
DAta from PHoton and Neutron Experiments for NFDI"

Abstract:

With the advent of high-speed detectors and increasingly complex instrumentation, the very broad photon and neutron user community faces a common need for high-level, rapid data analysis and the challenge of implementing research data management for increasingly large and complex datasets.

DAPHNE4NFDI brings together users representing key scientific application domains with the large-scale research facilities in photon and neutron science in order tackle these challenges. In doing so, DAPHNE4NFDI will create a comprehensive infrastructure to process research data from large-scale photon and neutron infrastructures according to the FAIR principles. Broadly, we will provide the following tangible infrastructure through DAPHNE4NFDI for the wider photon and neutron community: i) Improved metadata capturing through consistent workflows; ii) establishment of a community repository of processed data, new reference databases and analysis code for published results; iii) development, curation and deployment of user-developed analysis software on facility computing infrastructure.

Financed through the Deutsche Forschungsgemeinschaft National Research Data Infrastructure programme, DAPHNE4NFDI aims to have impact across the wider European and international photon and neutron community.

Connection details:
ZOOM Meeting "PUNCHLunch seminar": https://desy.zoom.us/j/91916654877
Webinar ID: 919 1665 4877, passcode: 481572

Next event:
Thursday, 28 October 2021, 12:30 hrs (tbc): The Helmholtz Metadata Collaboration.

Connect to PUNCH4NFDI:
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