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Poster: The Training Portal for Photon and Neutron Data Services

Tuesday, 20 September 2022 19:00 (1 hour)

Education is becoming an increasingly important topic to help scientists work on photon and neutron sources. Other relevant areas such as advanced quantum technologies will also play a key role in the future. One of the goals of ExPaNDS (European Open Science Cloud (EOSC) Photon and Neutron Data Service) is to train research scientists in order to better understand the issues, methods and available computational RI infrastructures to address critical research questions.
The ambitious ExPaNDS and PaNOSC projects are a collaborations between 16 national Photon and Neutron Research Infrastructures (PaN RIs). The projects are delivering standardised, interoperable, and integrated data sources and data analysis services for Photon and Neutron facilities. Our PaN-training portal provides a one-stop shop for trainers and trainees to discover online information and content: For trainers the catalogue offers an environment for sharing materials and event information. For trainees, it offers a convenient gateway via which to identify relevant training events and resources, and to perform specific, guided analysis tasks via training workflows to provide FAIR research.
Our associated e-learning platform hosts free education and training for scientists and students with an integration of Jupyter notebooks. The e-Learning platform hosts free education and training for scientists and students. It includes courses on both the theory of photon and neutron scattering and how to use python code or software for data reduction and modeling.

Any relevant links

Topic

EOSC Compute Platform

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