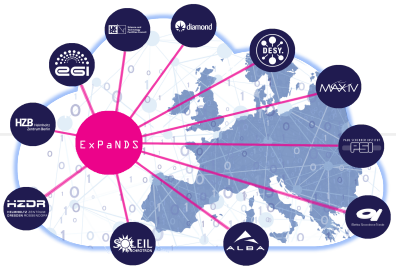
PaN training catalogue

Sustainability sheet



The training catalogue for both the photon and the neutron community is a **one-stop shop for trainers and trainees** to discover available **online materials, workflows and events.** The training catalogue is also the gateway to the **PaN e-learning platform** (1).

Target audiences
- Instrument scientists
- Instrument users
- Data stewards
- Data managers
- Scientific software engineers
- Communicators
- …

Benefits
- Make existing training material findable and accessible
- Help organise training workshops and make the associated resources findable
- Offer material for reuse (trainers)
- Help building and documenting training workflows

Accessibility
With a browser at pan-training.eu (2) from anywhere
- Public for viewing and downloading
- Registered user (UmbrellaID) to upload and curate own content
- Admin to curate all content

Source code (3)(4)

Documentation
- For users and developers (5)
- For developers (3)
- Methodology (6)

Licence
The BSD 3-Clause Licence (7)

Feedback mechanism
- There's a contact address: pan-training@hzdr.de for support and feedback
- For bugs and requirements, everyone can open an issue in the github repository (8) using the templates available

Competitors
Lightsources.org (9) and neutronsources.org (10) for events in their respective domain

Technology readiness
In production since 2021

EOSC integration status
Onboarded (11)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857641.

Plans and conditions for long-term sustainability
- Long-term maintenance of the web server by HZDR through HIFIS (12) resources
- Code maintenance provided by HZDR and open to community contributions, with a defined policy (13)
- Curation of content by HMC (14)
- Automatic harvesting of events from Laserlab-Europe (15), LEAPS (16) and lightsources.org (9)

Exploitability potential
- Still a lot of potential for adoption by LEAPS (16) and LENS (17) facilities users and staff, under discussion e.g. in the frame of LEAPS-INNOV (18)
- Adoption by DAPHNE4NFDI (19) and in particular their universities partners is under discussion
- Opportunity for PaN-training to be promoted in the frame of the digital LEAPS HR4 platform (20), for both industry and remote and hybrid training for users with the eRImote project (21)

Conditions to increase exploitability
- Harvest only training-related events from 3rd parties
- Contact chair of LEAPS WG6 on education and training to promote the catalogue
- Create a tick-box in the Indico services of individual PaN facilities 'Publish to PaN-training.eu'
- Be harvested by the EOSC training catalogue (21)
- Harvest LENS (17) and neutronsources.org (10) training events

Links
(1) https://e-learning.pan-training.eu/
(2) https://pan-training.eu/
(3) https://github.com/pan-training/training-catalogue
(4) https://doi.org/10.5281/zenodo.7015078
(5) https://pan-training.eu/about
(6) https://doi.org/10.5281/zenodo.7023247
(7) https://github.com/pan-training/training-catalogue/blob/master/LICENSE
(8) https://github.com/pan-training/training-catalogue/issues
(9) https://lightsources.org/
(10) https://neutronsources.org/
(11) https://marketplace.eosc-portal.eu/services/pan-training-catalogue
(12) https://www.hifis.net/
(13) https://github.com/pan-training/training-catalogue/blob/master/CONTRIBUTING.md
(14) https://helmholtz-metadaten.de/en
(15) https://www.laserlab-europe.eu/
(16) https://leaps-initiative.eu/
(17) https://lens-initiative.org/
(18) https://www.leaps-innov.eu/
(19) https://www.daphne4nfdi.de/english/index.php
(20) https://leaps-initiative.eu/hr4-platform-connecting-leaps-specialists-and-industry-professionals/
(21) https://erimote.eu/home
(22) https://search.eosc-portal.eu/search/training?q=*

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