



OSCARS

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mTeSS-X: Scaling training portal federation for RIs through Multi-tenanting and Exchange

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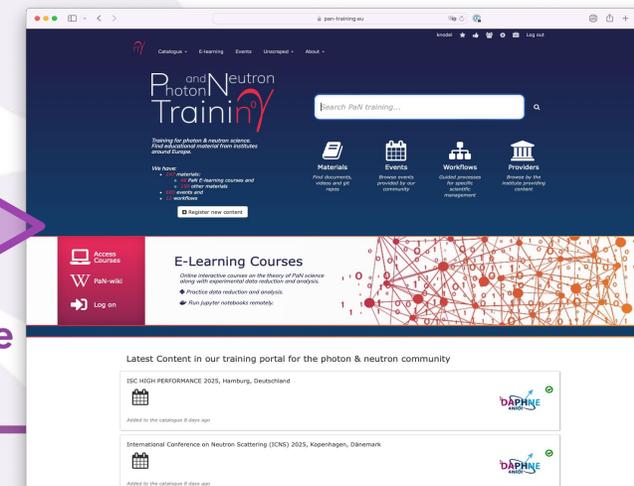
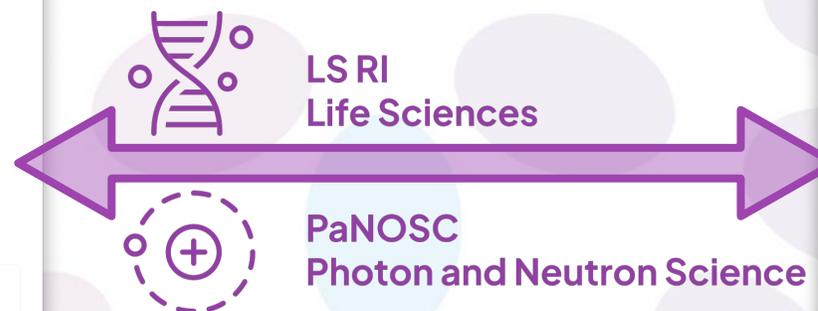
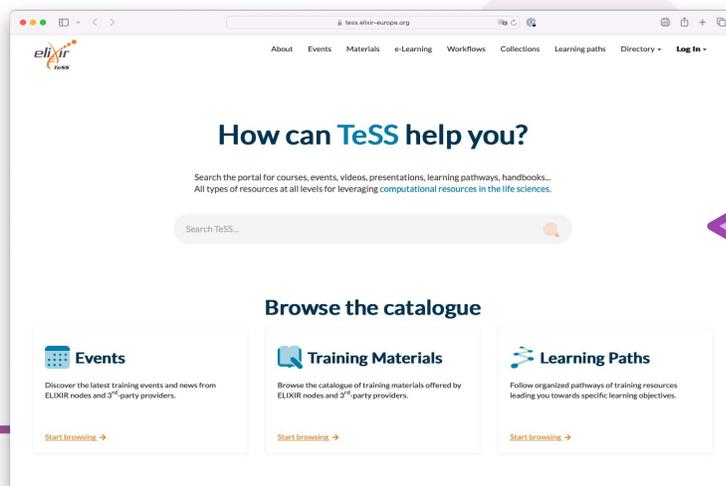
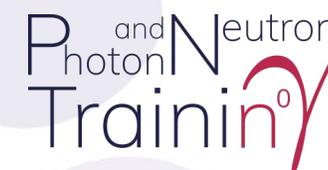
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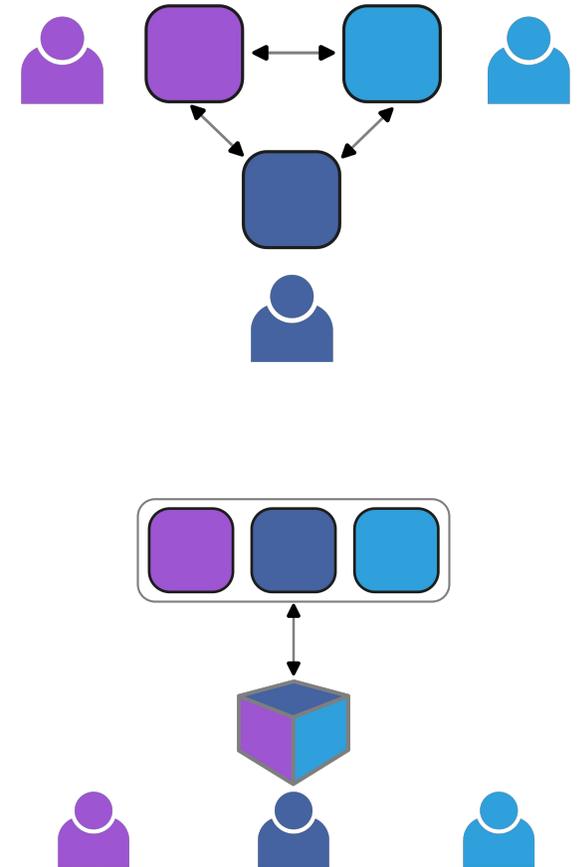
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CHALLENGE ADDRESSED – Fragmentation of Training Catalogues

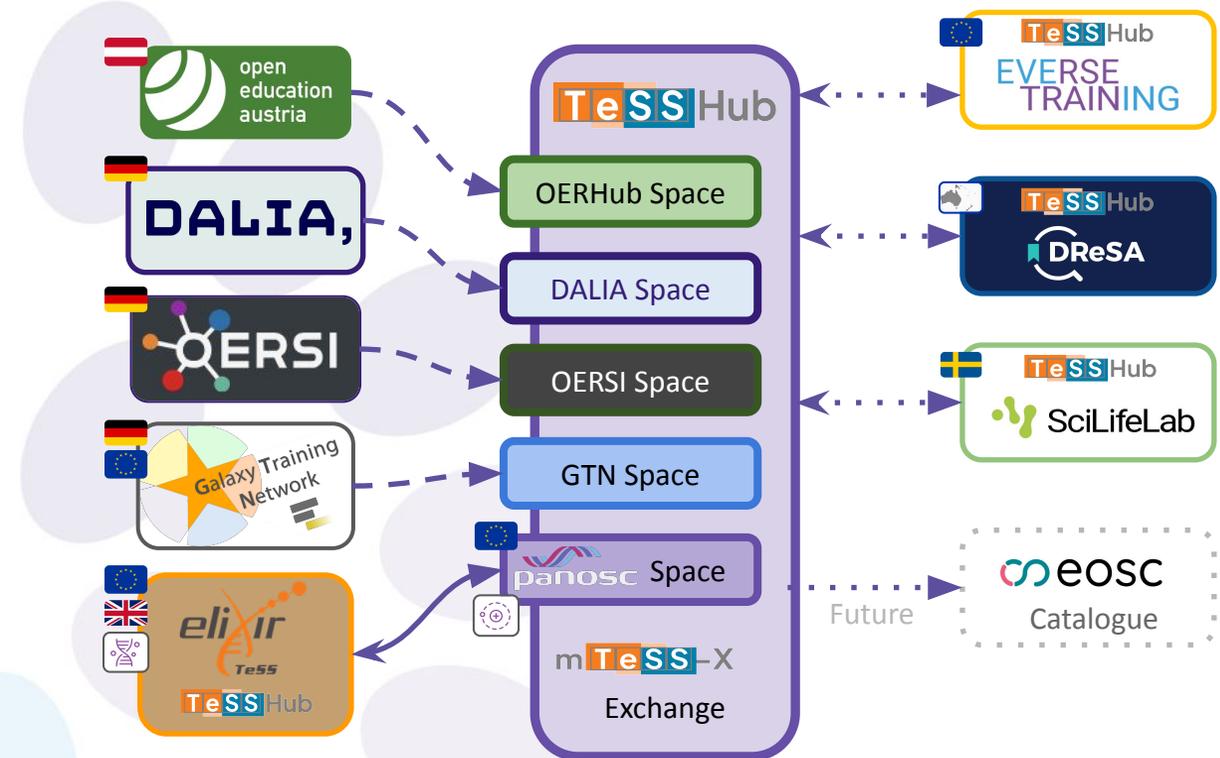
- RIs and EOSC projects have **limited training catalogue capability** beyond sparse, **outdated lists on web pages**, while cross-portal exchange has been discussed but not practised.
- **Fragmentation** of resources prevents the reuse of valuable training materials and limits the dissemination.
- Over the last year the **Training eSupport System TeSS** has become a service/codebase for training catalogues in several communities, such as **ELIXIR TeSS** and **PaN-Training** and many more:

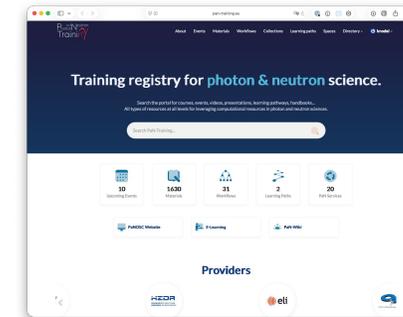
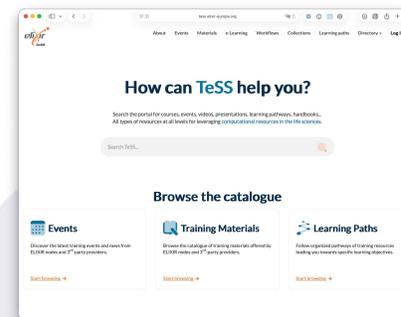
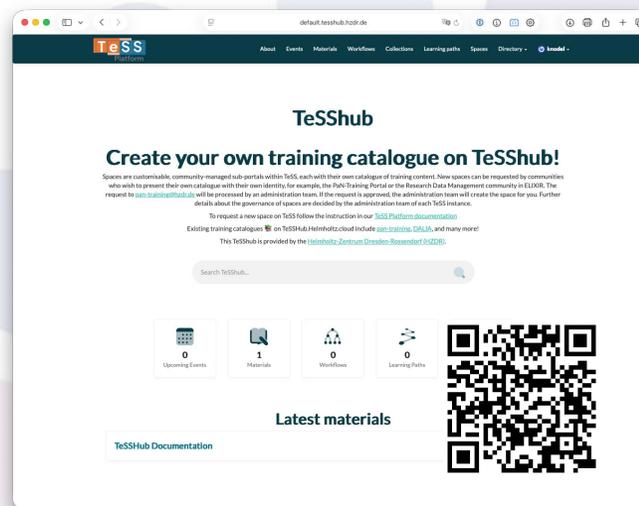
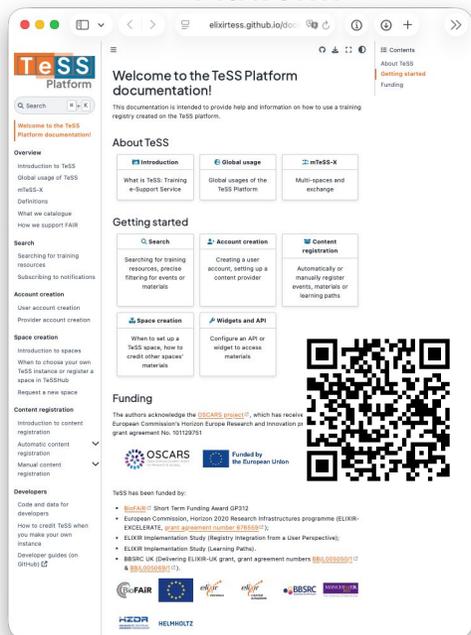


- **TeSS-X: Exchange between catalogues:**
The TeSS catalogues are separate instances and **automatically exchange nominated content** through a dedicated interface for metadata harvesting.
- **mTeSS: Multi-space catalogue:**
The catalogues are pooled into a shared TeSS instance with independent look, content, identity, shared catalogue management and **community-specific selections** of training material are called “**views**” or “**spaces**”.



- **mTeSS-X** will significantly enhance the findability, accessibility, and reuse of **high-quality training resources** by the federation of **interoperable training catalogues**.
- The project will improve the sustainability of training portals by **reducing operational duplication** and enabling resource-sharing across portals.
- It will be possible to **integrate further science clusters, communities and RIs into common catalogues** of training materials with different community-specific views.
- Training consumers will have the availability of a much higher amount of **FAIR training resources across scientific disciplines**.





- TeSS Platform developed on GitHub
- Open accessible documentation

- Various TeSSHubs available and onboarded in first EOSC Nodes

- (1) ELIXIR TeSS – Life Science training – tess.elixir-europe.org
- (2) Photon and Neutron (PaN) training – pan-training.eu
- (3) CERN's High Energy Physics training – training.cern.ch
- (4) Digital Research Skills Australasia – dresa.org.au
- (5) EVERSE Training – everse-training.app.cern.ch
- (6) Explora – explora.alliancecan.ca
- (7) SciLifeLab – training.scilifelab.se
- (8) Taxila Open science training in the Netherlands – taxila.nl

- TeSS Platform Community with monthly online meetings*

* Slack channel: #tess-club (tessplatform.slack.com)

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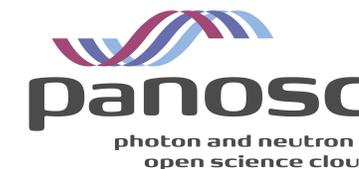


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