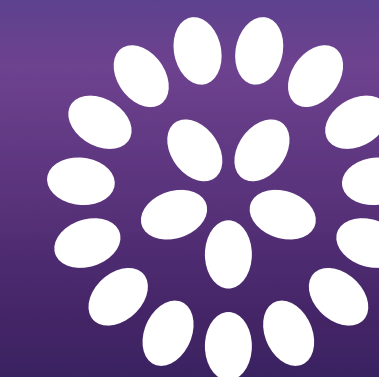# mTeSS-X: Scaling training portal federation for RIs through Multi-tenanting and Exchange
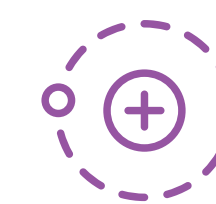
OSCARS
Open Science Clusters' Action for Research & Society

To overcome fragmentation of training resources across Research Infrastructures (RIs) and the Science Clusters, the mTeSS-X project will enhance the existing TeSS platform to natively support federation. Such a fully-featured open-source multi-tenanted training platform is expected to be an innovation for building a federation of portals to help break down barriers between thematic communities, promote a more cohesive European research community, and promote FAIR and open training.

LS RI
Life Sciences

PaNOSC
Photon and Neutron Science

Challenge

Fragmentation of resources hampers the reuse of valuable training materials and limits the dissemination of events and learning pathways.
The main challenge of the project is to enable the federation of catalogues, support cross-discipline training resource exchange and celebrate and maintain catalogue unique identity.

Solution

mTeSS-X will extend the TeSS platform by introducing multi-tenancy, allowing multiple communities to maintain distinct training catalogues within a shared instance, while preserving their individual identities.
It will also implement TeSS-X plugins to facilitate seamless content exchange between catalogues implemented as separate instances.

Scientific Impact

By fostering the federation of interoperable training catalogues, mTeSS-X will significantly enhance the findability, accessibility, and reuse of high-quality training resources.

Partners

University of Manchester, Helmholtz-Zentrum Dresden-Rossendorf

https://bit.ly/OSCARS-fundedproject-mTess-X