

# OSCARS - Open Science Clusters' Action for Research & Society

## Findable Big Data from Various Material Characterisation Techniques

- Project duration: 2 years starting Oct 1, 2024
- Project partners: FAIR-DI, HZB, ESRF
- Main collaborators: FAIRmat, DAPHNE, PaNET, NeXus
- Main goals:
  - interoperability via connecting ontologies:  
PaNET - NeXus - ESRF-ET
  - integrating ontologies to EOSC services and RDM platforms:  
NOMAD, PANOSC, ESRF\_DATA, HZB\_DATA
  - Scientific use case:  
AI driven spectroscopy analysis