

# Interests and requirements of ESS Imaging with respect to SINE-2020

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www.europeanspallationsource.se
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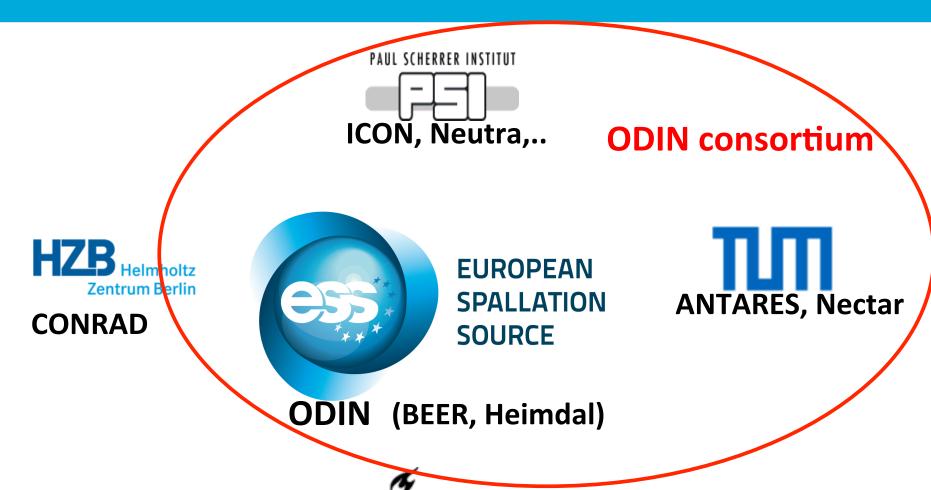












ISIS, **TU**Delft, ILL, Saclay, BNC, HZG, NPI...



#### **ESS interest:**

- standardized user interface for European Imaging user community
- profit from development and tools available in community
- development and implementation of ESS specific tools

## requirements:

- agree with leading community on
  - +) priority needs of community
  - +) formats
  - +) required tools
  - +) interfacing with commercial software
  - +) platform structure
  - +) user interfaces
- develop platform stepwise & led by community
- install a correspondingadvisory committee representing leading facilities (PSI, TUM, HZB, ESS, + ISIS)



#### **ESS** interest:

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## requirements:

- ensure activities and developments in the community
  - +) are coordinated with platform
  - +) can be accommodated by platform

### and

- +) do not duplicate ongoing or completed work
- +) enable implementing and/or simple interfacing with external tools (including commercial and facility specific available solutions)
- start with conventional and state-of-the-art methods
- base corresponding decisions on advisory committee representing leading facilities (PSI, TUM, HZB, ESS,

## ESS specific requirements

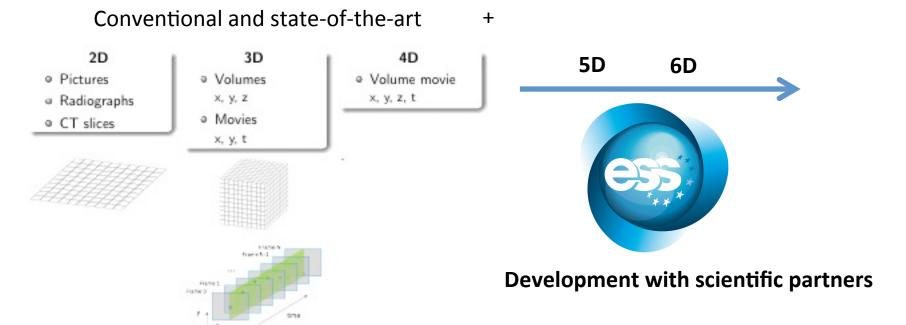


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  & ISIS

## requirements:

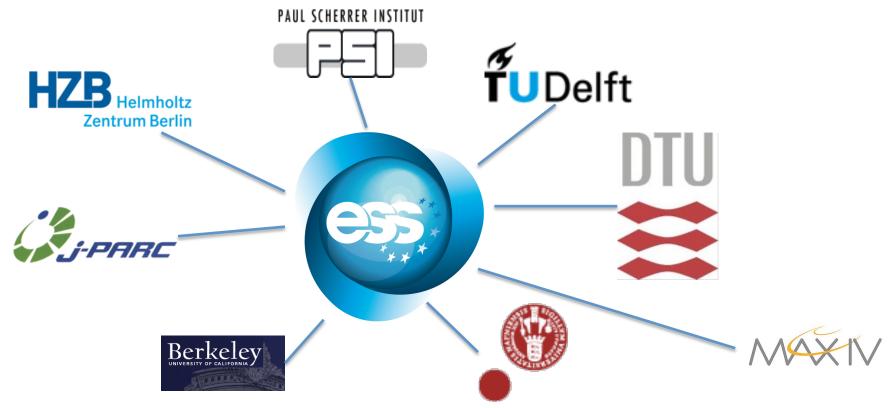


## ODIN development network



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## requirements:

- implementation of novel modalities
- cross fertilize SANS and diffraction analyses tools
- aid step from development results to user-tool
- timeline: after standard methods, prepare first implementations in second half of SINE2020
- closely coordinate with ESS imaging developments
- base prioritization on ESS imaging instrument requirements

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# Thank you!

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