NFDI MatWerk

National Research Data Infrastructure for Materials Science & Engineering - MSE

NFDI Kolloquium, Virtuell, 24.11.2020

Strategy | MSE Community | Materials Infrastructure | Software and Workflows | Materials Ontology

Vision: Demonstrate how **scale-bridging tomographic data and derived simulation** results of a single sample can be **combined and made accessible** following the FAIR principle (**f**indable, **a**ccessible, **i**nteroperable, **r**eusable).
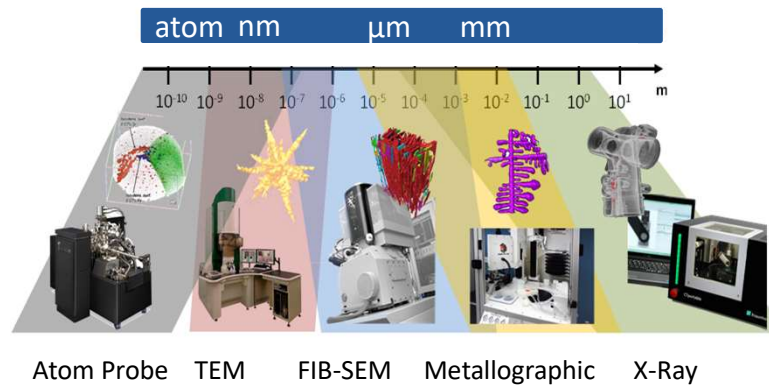

M. Roland   **Prof. S. Diebels**

Modelling

atom nm   μm   mm

Atom Probe   TEM   FIB-SEM   Metallographic   X-Ray

Prof. H.-G. Herrmann   J. Fell

(nano-)CT

Prof. F. Mücklich   C. Pauly   M. Engstler

APT – FIB/SEM – Metallography

https://nfdi-matwerk.de/projects/pp13/

Why are we here today?

→ **Learn more about NeXus**

→ **Get an idea if it could be useful for our project**

→ **Maybe get ideas beyond that**

→ **Meet interesting people**