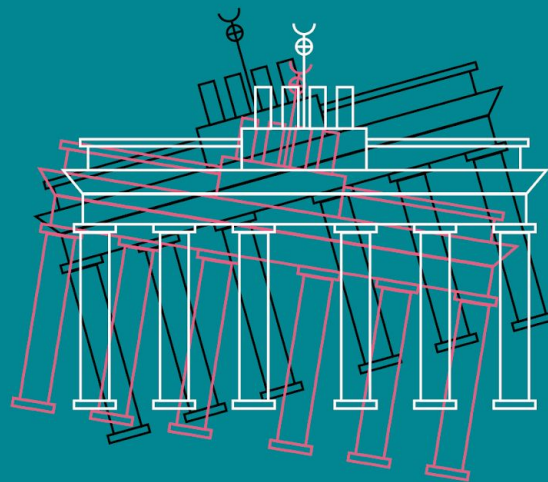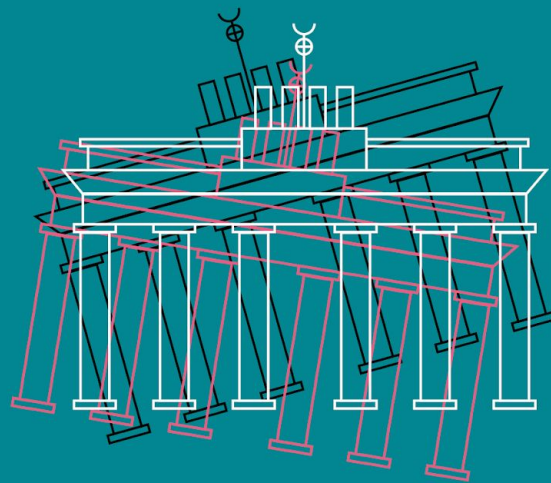# eosc

Networking lunch
12:30 – 14:00

Next session at 14:00
Unconference | Data competencies:
Training, education, qualification for
researchers and data stewards

EOSC Symposium 2024 / 21 - 23 October / Berlin, Germany

Federal Ministry
of Education
and Research

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nfdi

ZBW Leibniz-Informationszentrum
Wirtschaft
Leibniz Information Centre
for Economics

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Unconference | Data competencies: Training, education, qualification for researchers and data stewards

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ZBW Leibniz-Informationszentrum Wirtschaft Leibniz Information Centre for Economics

Data competencies: training, education, qualification for researchers and data stewards

EOSC Symposium Unconference | 22.10.2024 | Berlin

Programme

1. Introduction to NFDI, Training & Education and DALIA

2. Panel discussion

3. Plenary discussion

4. Wrap up

National Research Data Infrastructure in Germany
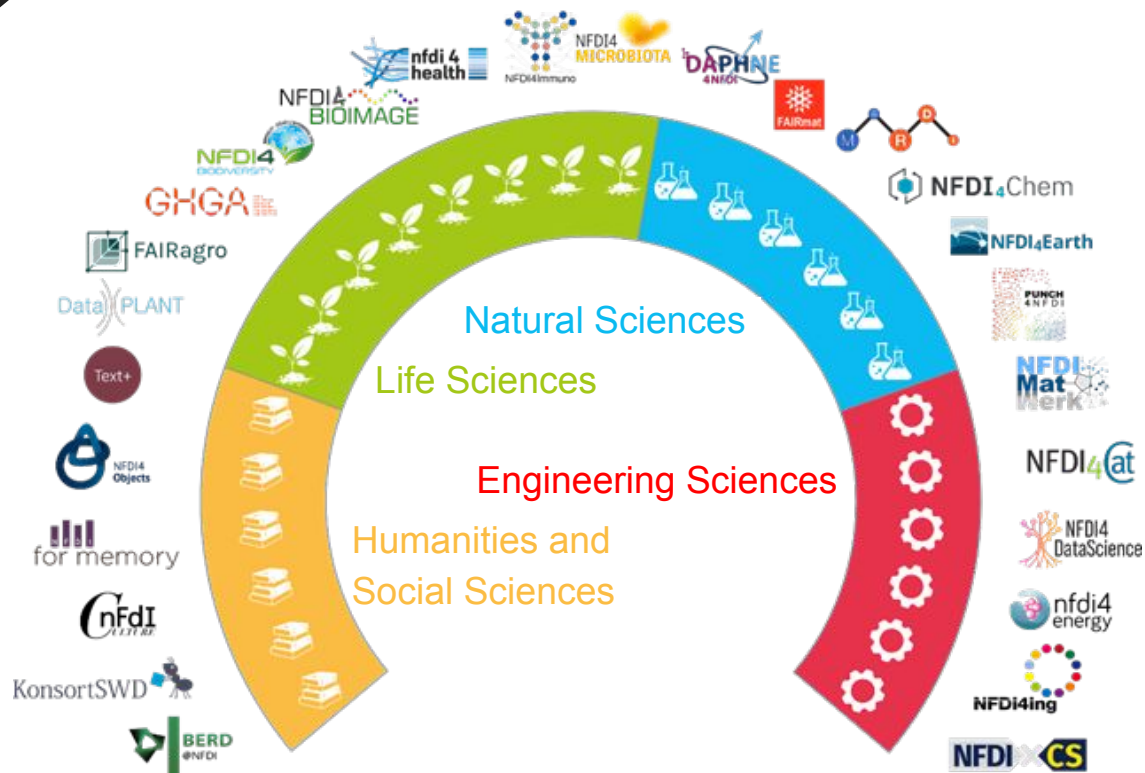
National Research Data Infrastructure for Personal Health Data

Data Holding Organisations

Our mission:

To increase the value of research in

- epidemiology

- public health

- clinical trial-based medicine

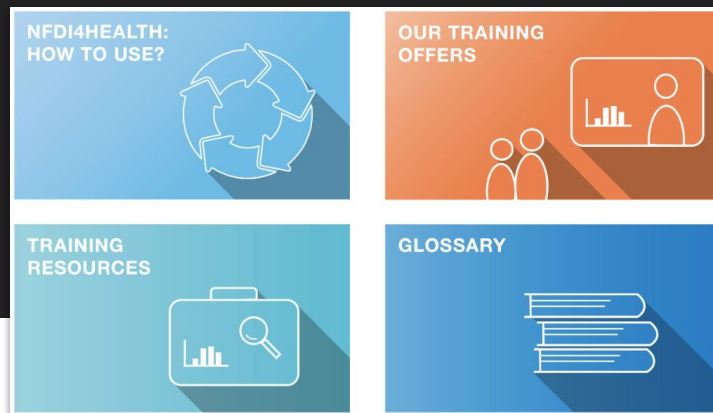by making high quality data internationally *findable* and *accessible* according to FAIR principles.

www.nfdi4health.de

Training and Education

- Training the next generation of data-savvy researchers & data stewards

- Data competencies
  - DataTrain (cross-domain data steward & data science programme)

  - NFDI4Health specific synchronous/ asynchronous

- EduTrain and ELSA participation

National Research Data Infrastructure for Chemistry (NFDI4Chem)

Our vision:
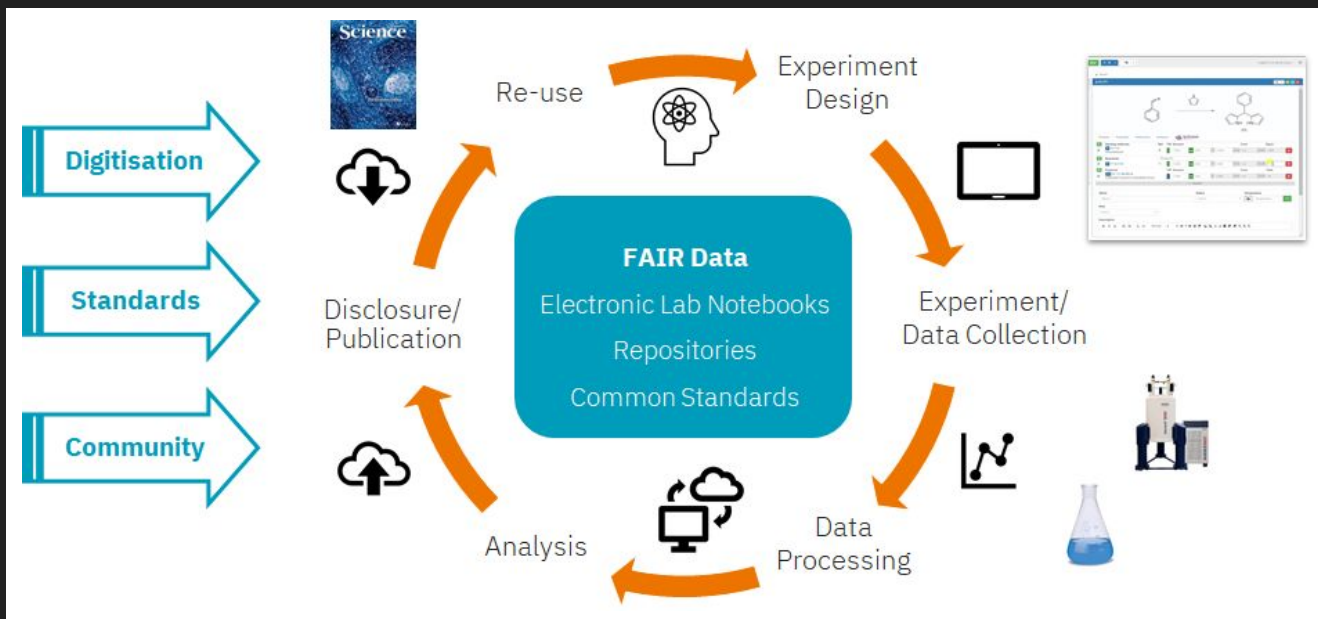
Our partners:

www.nfdi4chem.de

Training and Education in NFDI4Chem

Workshop: FAIR RDM: Basic for Chemists
• RDM entry-level workshops for Chemists (1-2 days, 5-6 h/day)

Chemotion ELN Hands-on Workshops
• Interactive workshop for Chemotion ELN beginners (5-6 h)

Chemotion Live Demo + Q&A Session
• General introductions to the ELN & repository, followed by Q&A (1 h)

LabIMotion: Hands-on Workshop
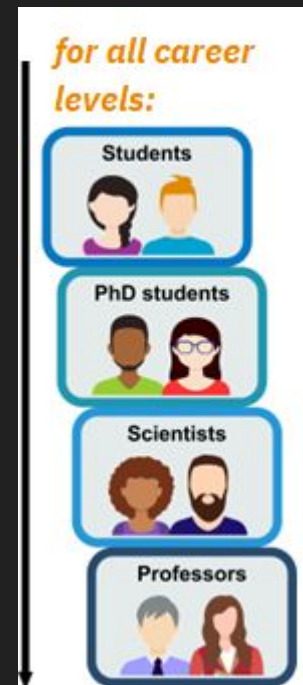• Interactive introduction to LabIMotion – Chemotion's generic extension (5-6 h)

NFDI4Chem Stammtisch
• Presentations and discussions on a variety of RDM topics (1 h)

Curricular Embedding
• Integration into curricular teaching → Training of future researchers

www.nfdi4chem.de

Section Education & Training (Section EduTrain) in the NFDI

- Cross-cutting topic: All NFDI consortia address data literacy education and training in a bottom-up approach.

- EduTrain is the platform to discuss and harmonize all approaches and solutions to education and training in data literacy.

- EduTrain is working with other stakeholders to develop an NFDI understanding of data literacy.

nfdi · Nationale Forschungsdaten Infrastruktur

Sektionskonzept
zur Einrichtung einer Sektion im Verein
Nationale Forschungsdateninfrastruktur (NFDI) e.V.

Name der Sektion
Training & Education

Akronym der Sektion
section-edutrain

Ansprechpersonen Sektioneinrichtung

NFDI4Ing	NFDI4Chem
Prof. Dr.-Ing Peter F. Pelz	Prof. Dr. rer. nat. Sonja Herres-Pawlis
peter.pelz@fst.tu-darmstadt.de	sonja.herres-pawlis@ac.rwth-aachen.de
06151-1627100	0241-8093902

Autor:innen
Sonja Herres-Pawlis, Peter Pelz, Norbert Kockmann, Roger Gläser, Manuela Richter, Johannes Liermann, Jochen Ortmeyer, Ina Heine, Amelie Metzmacher, Ann-Christin Andres, Andreas Münzmay, Jan-Ocko Heuer, Malte Hagener, Jens Dierkes, Cord Wiljes, Birte Lindstädt, Renita Danabalan, John D. Jolliffe

Version 2.0

Datum 21.04.2022

Seite 1 von 15

nfdi Section Training and Education

Section concept: https://zenodo.org/record/6475541#.Yr4NYOzP1PZ

Structure of Section EduTrain

AP 1:
TARGET GROUP AND
REQUIREMENT ANALYSIS

AP 2:
COLLECTION OF
MATERIALS

AP 3:
MODULAR AND
SCALABLE CONCEPT

AP 4:
TEACHING MATERIALS
AND KNOWLEDGE BASE
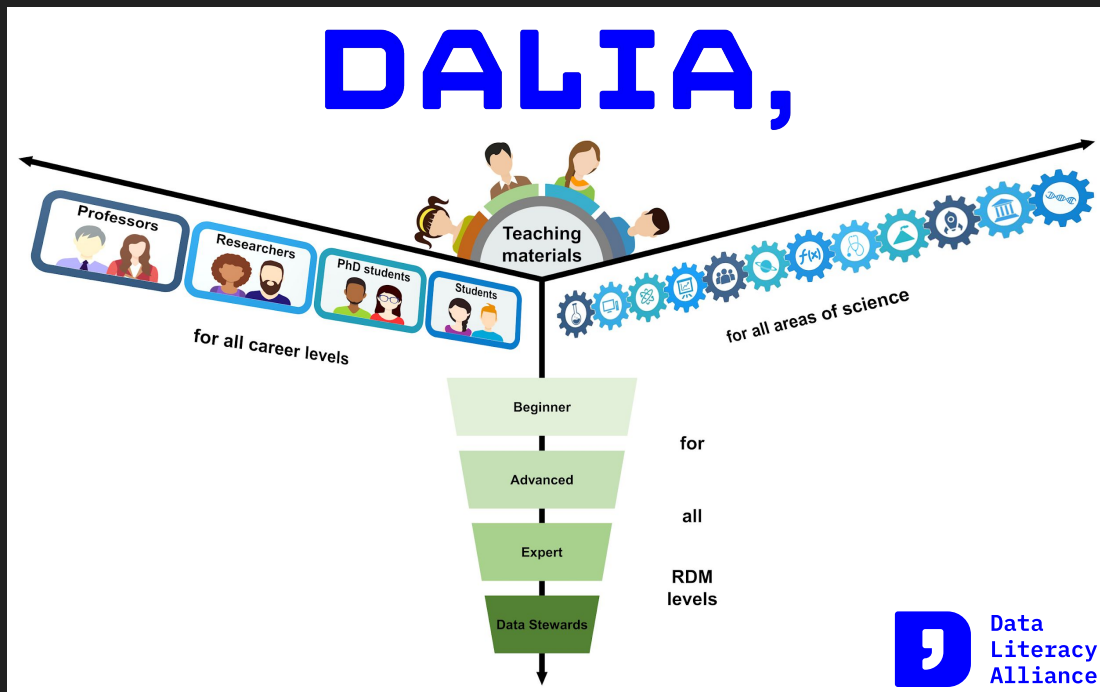
AP 5:
TRAINING FORMATS AND
CERTIFICATE COURSE

AP 6:
QUALITY ASSURANCE
AND EVALUATION

AP 7: NETWORKING AND OUTREACH

AP 8: HANDLING OF ERRORS IN SCIENCE

AP 9: RDM HELPDESK NETWORK

nfdi Section
Training and Education

Section concept: https://zenodo.org/record/6475541#.Yr4NYOzP1PZ
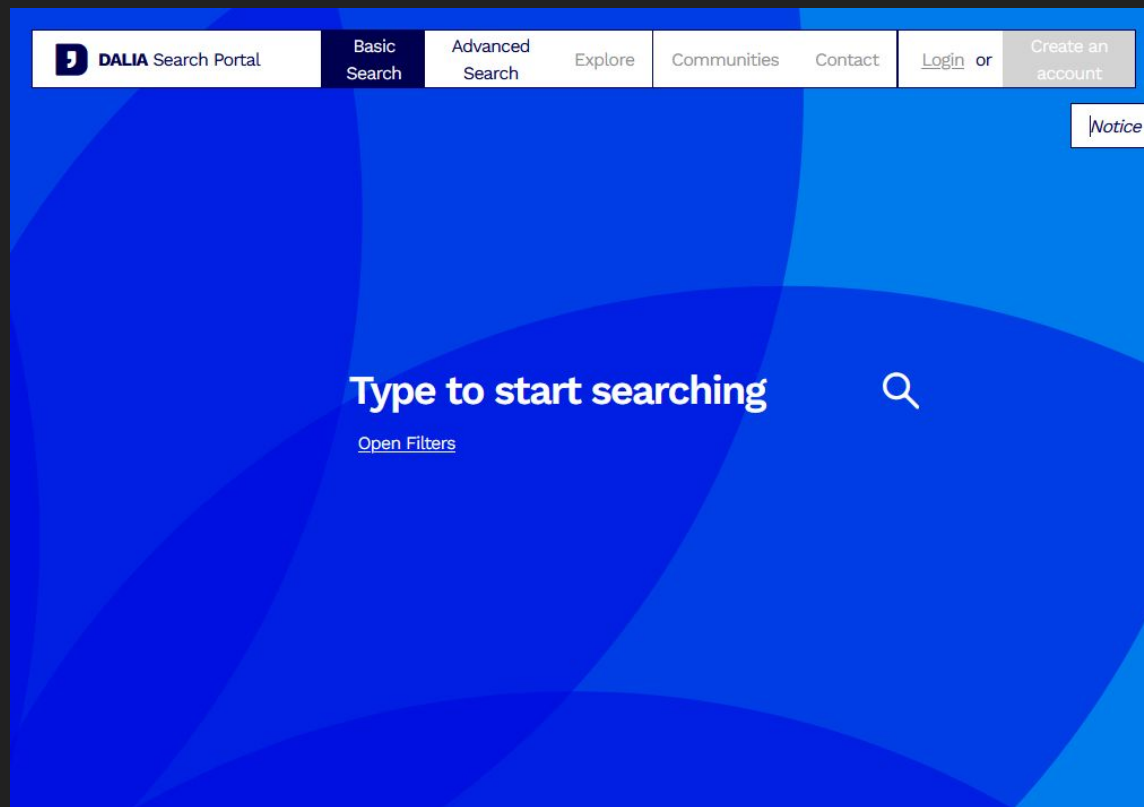
DALIA - Knowledge Graph for RDM Educational Resources

Knowledge graph of the **DA**ta **LI**teracy **A**lliance for FAIR data usage and provision based on semantic web technology

DALIA - Portal to Search for RDM Educational Resources
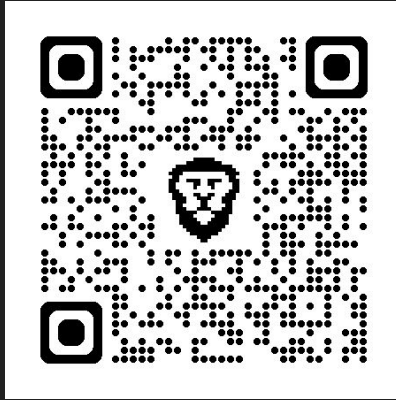
Bundesministerium für Bildung und Forschung
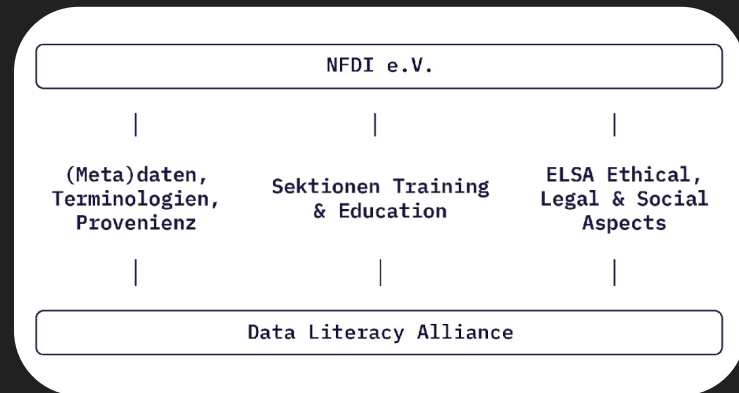
Finanziert von der Europäischen Union
NextGenerationEU

European Level

- EOSC-A Task Force Data Stewardship, curricula and career paths

- SKILLS4EOSC

- GO FAIR

- FAIRSFAIR

- National initiatives: [NL](NL), [DK](DK), [A](A), …

- Disciplinary initiatives: Elixir, DARIAH, CESSDA, …

- Networks: RDA professionalising data stewardship

- …

https://slido.com → **#2600118**

Thank you very much!

Jens Dierkes
NFDI4Health
jens.dierkes@uni-koeln.de

Jochen Ortmeyer
NFDI4Chem, *DALIA*
jochen.ortmeyer@ac.rwth-aachen.de

NFDI Section EduTrain

Panel & Plenary

https://slido.com

#2600118
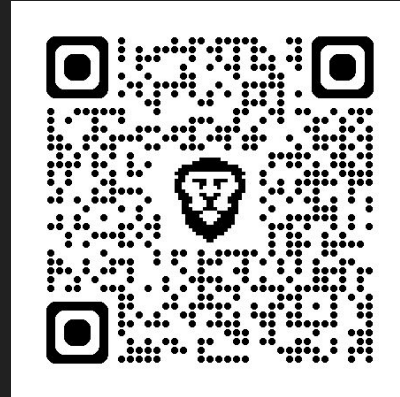
Aneta Pazik-Aybar
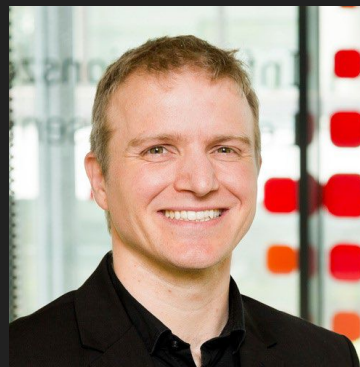National Science Centre
Poland

Funder

Celia van Gelder
Health-RI, the Netherlands

National Data
Infrastructure

Jochen Ortmeyer
RWTH Aachen University,
Germany

National Data
Infrastructure

Konrad Förstner
ZB MED - Information
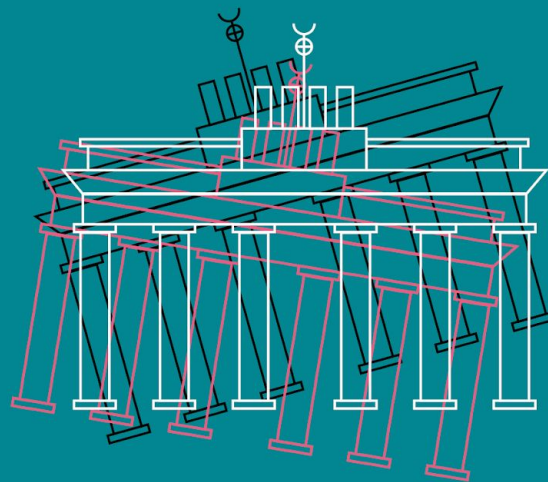Centre for Life Sciences &
TH Köln, Germany

Educator

Moderator: Ulrich Sax University Medical Centre Göttingen, NFDI4Health

eosc

Networking coffee break
15:00 – 15:30

Next session at 15:30
FAIR metrics & data quality

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