

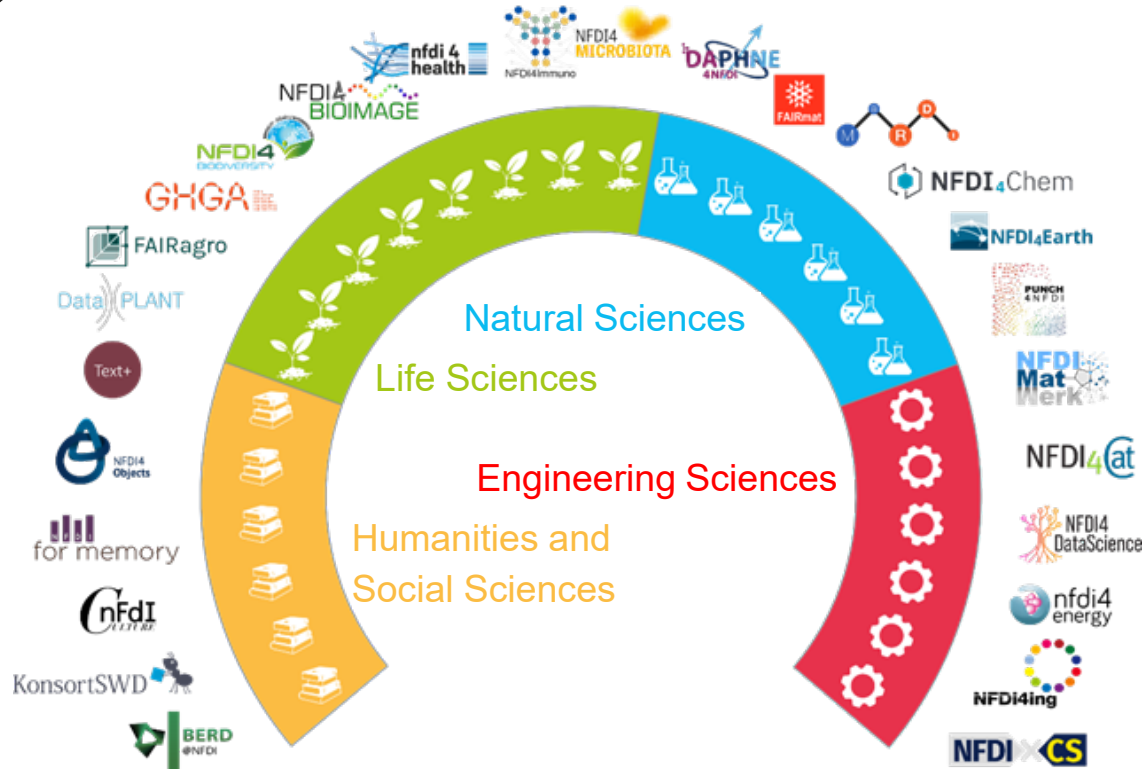
Data competencies: training, education, qualification for researchers and data stewards

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



nfdi Nationale
Forschungsdaten
Infrastruktur

National Research Data Infrastructure for Personal Health Data



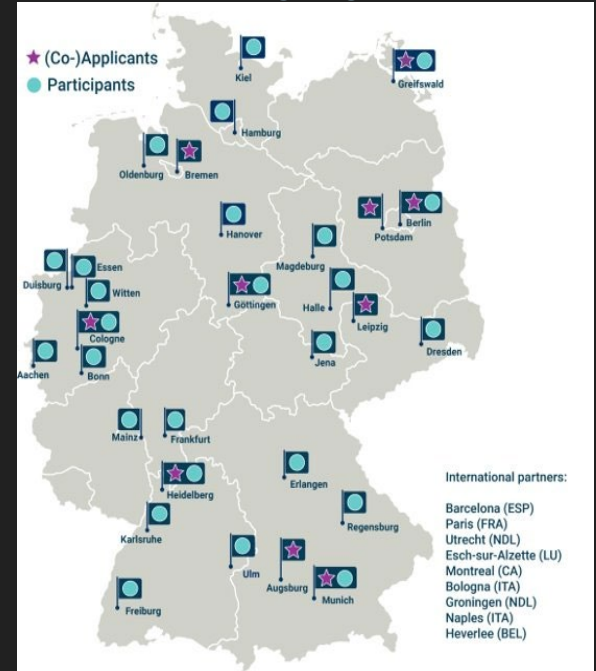
Our mission:

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**.

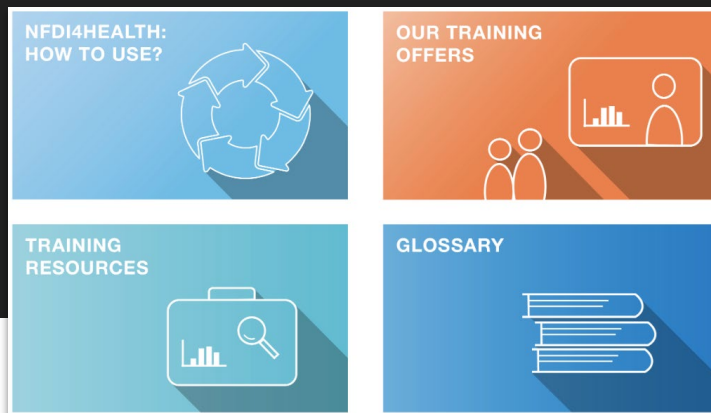
Data Holding Organisations



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



Training concepts in research data management and data science with the focus on health research

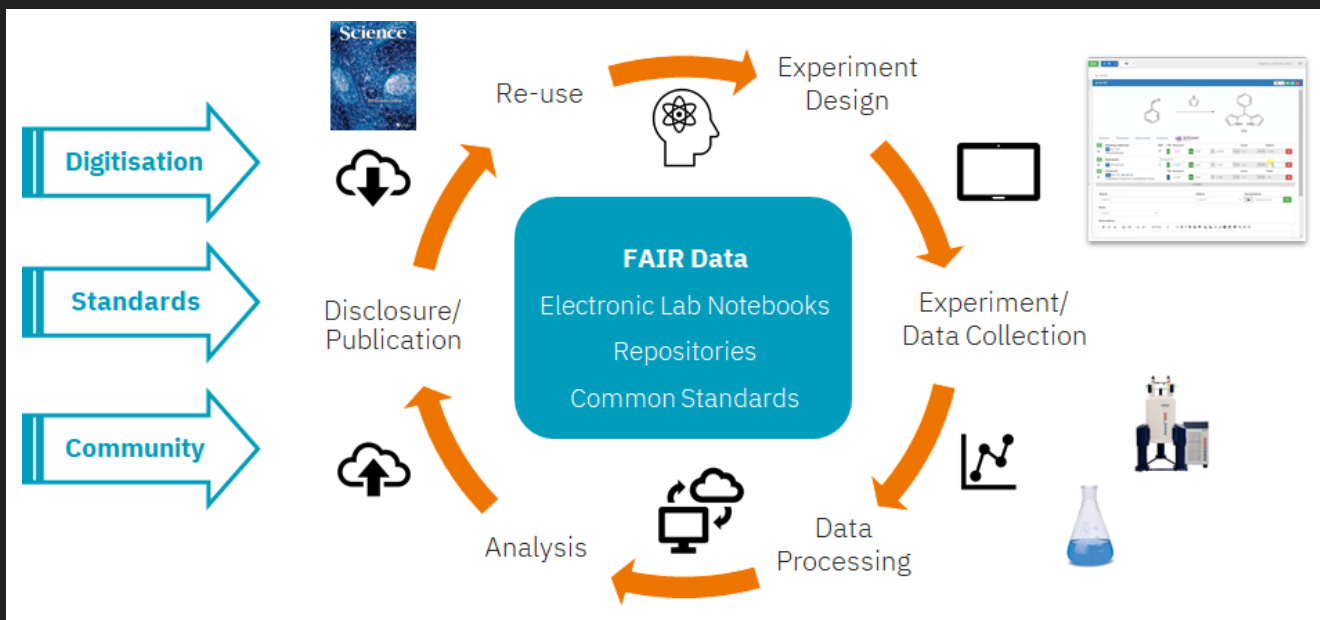
Julia Kroll 28.002 Information Center Life Sciences	https://nfdi4health.org/0000-0000-0047-8008
Tanja Mikolajewicz University of Bamberg	https://nfdi4health.org/0000-0000-0000-0000
Deborah Knafl HSC - Hannover a.F.	https://nfdi4health.org/0000-0000-0000-0000
Birte Lindelak 28.002 Information Center Life Sciences	https://nfdi4health.org/0000-0000-0000-0000
Vanja Rapp LIFE@FZ Jülich for Precision Research and Collaborative - BRFS	https://nfdi4health.org/0000-0000-0000-0000
Katja Rausch Universitäts- und Landesbibliothek Bonn	https://nfdi4health.org/0000-0000-0000-0000
Carsten Oliver Schmitt Institute for Computing Medicine, University Hospital Charité	https://nfdi4health.org/0000-0000-0000-0000
Stephan Mathmann Medical Informatics Laboratory, University Medicine Göttingen	https://nfdi4health.org/0000-0000-0000-0000
Wolfram Bock Medical Informatics Laboratory, University Medicine Göttingen	https://nfdi4health.org/0000-0000-0000-0000



National Research Data Infrastructure for Chemistry (NFDI4Chem)



Our vision:



www.nfdi4chem.de

Our partners:



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

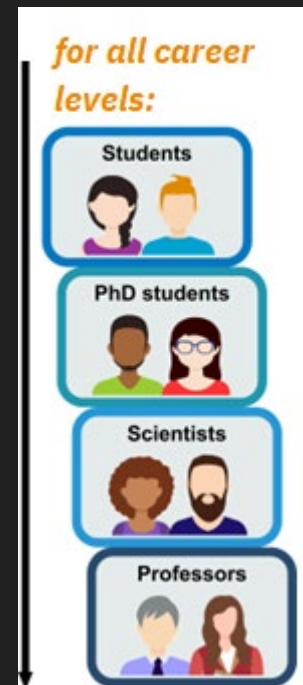
- Interactive introduction to LabIMotion – Chemotion's generic extension (5-6 h)

NFDI4Chem Stammtisch

- Presentations and discussions on a variety of RDM topics (1 h)


Curricular Embedding

- Integration into curricular teaching → Training of future researchers



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.

 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 Sektionseinrichtung

NFDI4ing Prof. Dr.-Ing Peter F. Pelz peter.pelz@fst.tu-darmstadt.de 06151-1627100	NFDI4Chem Prof. Dr. rer. nat. Sonja Herres-Pawlis sonja.herres-pawlis@ac.rwth-aachen.de 0241-8099902
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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 Wijles, Birte Lindstädt, Renita Danabalan, John D. Jolliffe

Version 2.0
Datum 21.04.2022

Seite 1 von 5

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

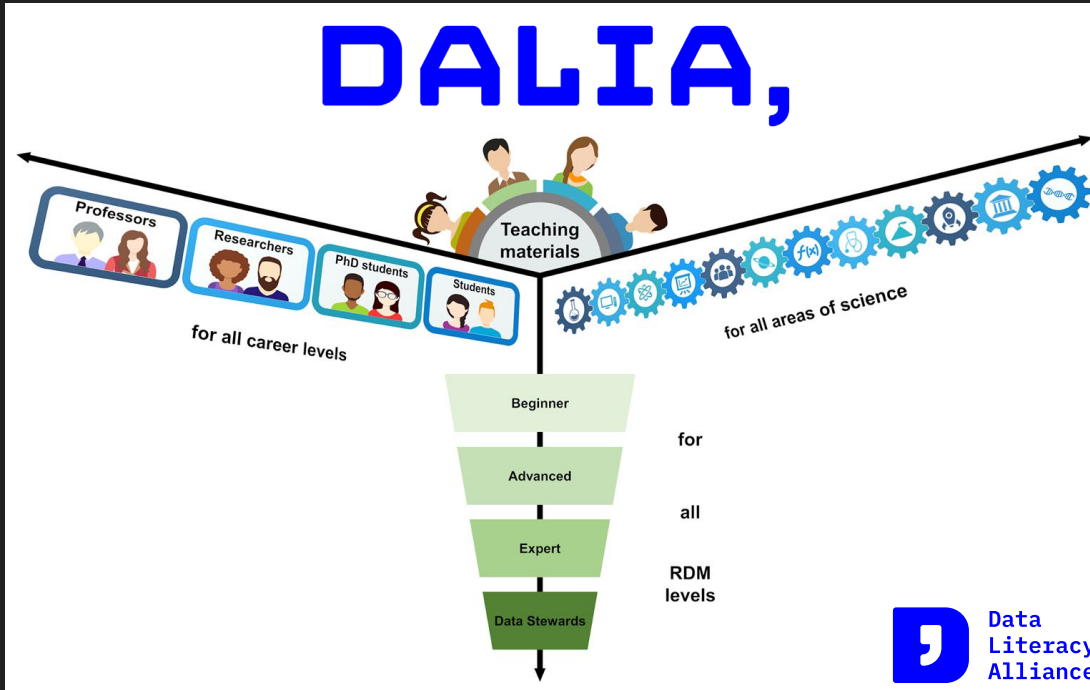
AP 6:
QUALITY ASSURANCE
AND EVALUATION

AP 7: NETWORKING AND OUTREACH

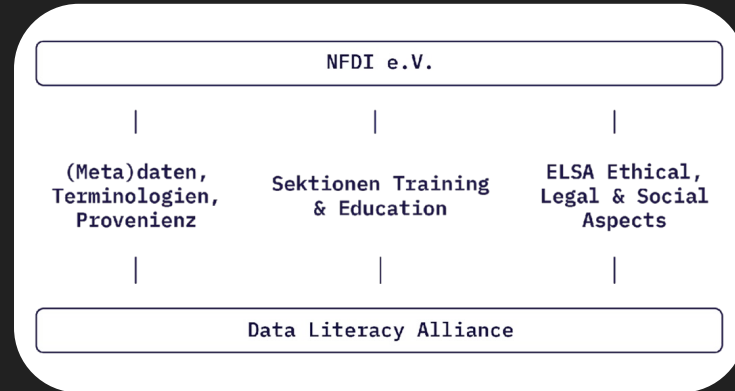
AP 8: HANDLING OF ERRORS IN SCIENCE

AP 9: RDM HELPDESK NETWORK

DALIA - Knowledge Graph for RDM Educational Resources

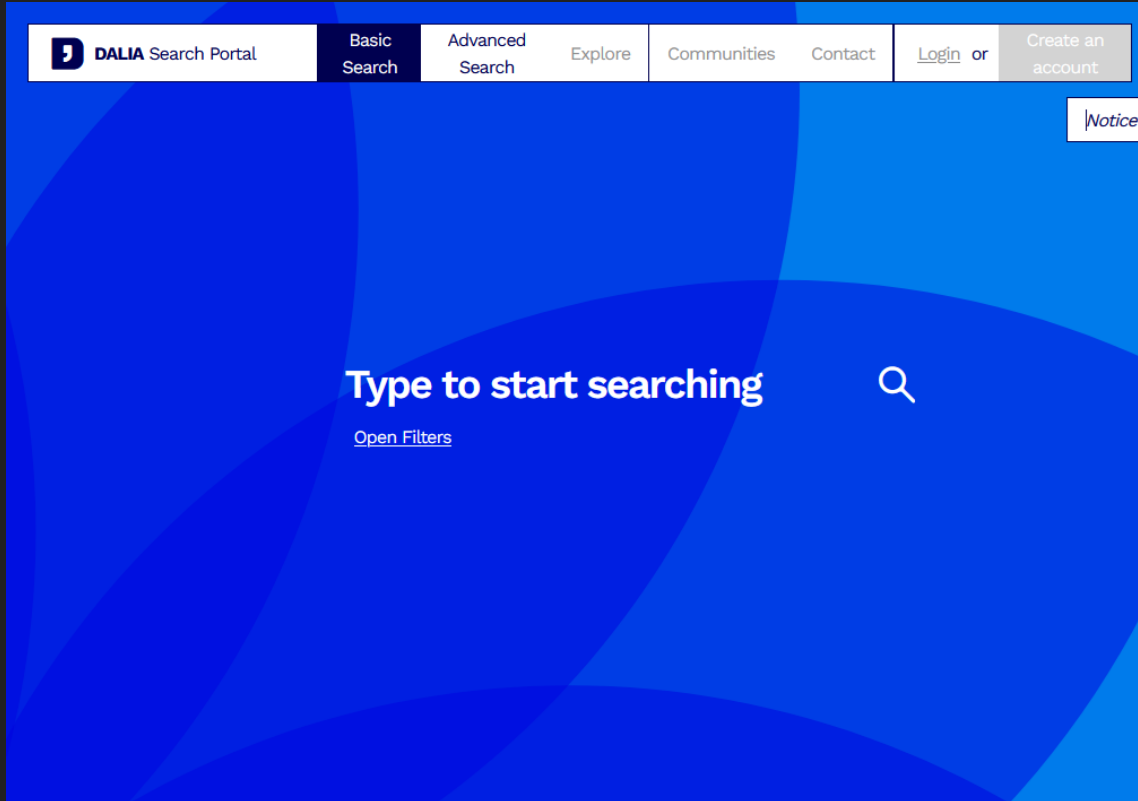


Knowledge graph of the **DATA** LIteracy Alliance for FAIR data usage and provision based on semantic web technology



Finanziert von der Europäischen Union
NextGenerationEU

DALIA - Portal to Search for RDM Educational Resources



The screenshot shows the DALIA Search Portal interface. At the top, there is a navigation bar with the following items: DALIA Search Portal (with a logo), Basic Search, Advanced Search, Explore, Communities, Contact, Login or, and Create an account. Below the navigation bar, there is a search input field with the placeholder text "Type to start searching" and a magnifying glass icon. Below the search input field, there is a link "Open Filters". In the top right corner, there is a "Notice" button. The background of the page is blue with abstract shapes.

<https://search.dalia.education/>



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](#), [DK](#), [A](#), ...
- Disciplinary initiatives: [Elixir](#), [DARIAH](#), [CESSDA](#), ...
- Networks: RDA [professionalising data stewardship](#)
- ...



<https://slido.com> → #2600118

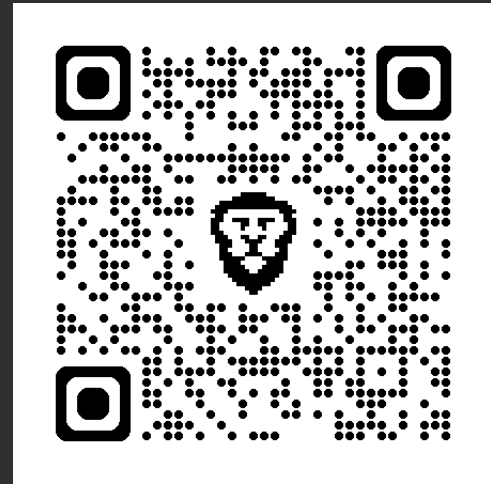
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Thank you
very much!



<https://dx.doi.org/10.5281/zenodo.13943895>

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