Tentative agenda

Morning

Time	Topics
09:00 - 09:15	Welcome, Intro RDM and NFDI
09:15 - 09:45	Overview DataPLANT, and DataPLANT Tool chain
09:45 - 10:30	Hands-on ARCitect
10:30 - 10:45	*Short break* ☕
10:45 - 11:45	Intro and Hands-on DataHUB
11:45 - 12:00	Q & A

Afternoon

Time	Topics
12:00 - 13:00	*Lunch break* 🍕
13:00 - 14:00	Intro and Hands-on Metadata annotation with SWATE
14:00 - 15:00	Create your own ARC

House-keeping

- Use the pad to raise questions and feedback
- Copy / paste links (hands-on)

Training Materials

Slides are shared via DataPLANT Training Material

Resources – join the open source movement

 **DataPLANT (nfdi4plants)**

DataPLANT Website: https://nfdi4plants.org/
Knowledge Base: https://nfdi4plants.org/nfdi4plants.knowledgebase/
DataHUB: https://git.nfdi4plants.org

GitHub: https://github.com/nfdi4plants
HelpDesk: https://helpdesk.nfdi4plants.org

💡 You can help us by raising issues, bugs, ideas...

🚀 NEW! ARC website: https://arc-rdm.org

Continuous support

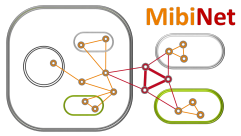
Data managers in Düsseldorf, Cologne, Jülich and close by (CEPLAS, MibiNet, TRR341) offer support.

1. Slack Workspace for ad hoc support
2. Monthly user meeting (2nd Friday of the month)

→ Details.

CEPLAS
Cluster of Excellence on Plant Sciences

trr_341 plant ecological genetics



Introduce yourself

- Lab
- MibiNet / CEPLAS / TRR / ?
- Used code / programming language before
- Experience with Git / GitLab / GitHub?
- Have an ORCID
- My motivation / expectation
- My favorite lab assay

Let's draw a typical lab workflow 📝

BYOD – Goals

- First few steps into ARC ecosystem
- Move existing datasets into ARCs
- Share them via the DataHUB
- Annotate with metadata
- Introduction into elabFTW
- elab2ARC tool

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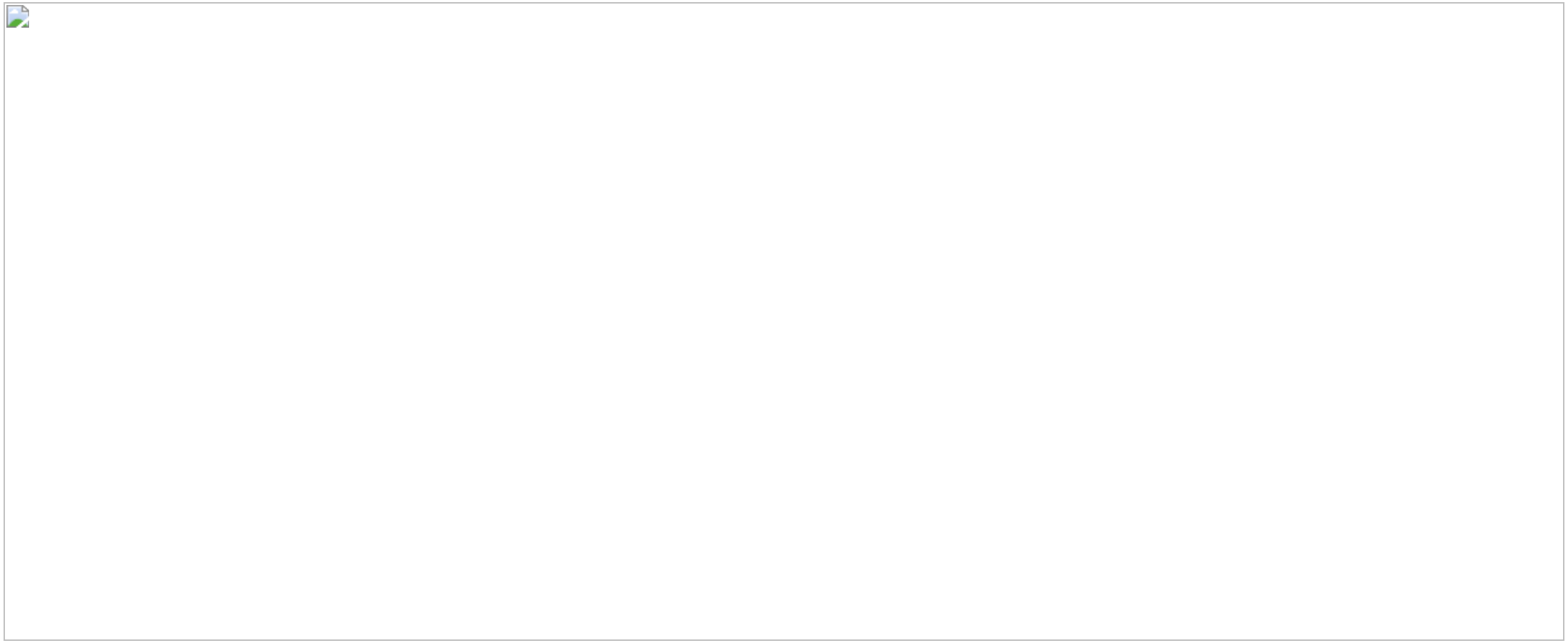
FAIR data stewardship

- **F**indable
- **A**ccessible

The FAIR principles



Is your data FAIR?

Findable | **A**ccessible | **I**nteroperable | **R**eusable

- Where do you store your data?
- How do you annotate your data?
- How do you share your data?
- What tools do you use to analyse your data?
- How do you reuse other people's data?

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MibiNet – One SFB, six locations

Data silos impede collaboration

Missing interfaces impede collaboration

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