

NFDI4Bioimage - TA3-Hackathon - UzK-2023

29.11.- 01.12.2023

Location: CECAD, Joseph-Stelzmann-Str.26, 50931 Cologne

- S C H E D U L E -

29.11.2023

Arrival, Option for Technical Setup & Lunch:

Room 0.039/0.040

11:00 - 12:00 Arrival & Option for technical setup

12:00 - 13:00 Arrival & Lunch

Setting our Stage:

13:00 - 14:00 Opening Statement & Zoom in:

Lecture Hall

Hackathon, Participants & Topics

Astrid Schauss - Andrea Schrader - Torsten Stöter

Spot on the Topics:

<14:00 - 15:30 Introduction to the topics

Lecture Hall

<14:00 - 14:20 One talk about OMERO (+ZARR)

Josh Moore

<14:20 -14:35 Annotated Research Context (ARC)

Heinrich Lukas Weil

<14:35 -14:50 BIDS

Julia Thönnißen

<14:50 - 15:05 3D Slicer, Neuroglancer

Torsten Stöter

<15:05 - 15:20 REMBI

Vanessa Fuchs & Tom Boissonnet

<15:20 – 15:30 Closing the introduction part and introducing the Workflow part

15:30 - 16:00 Coffee break

Let the show(s) begin

- Interoperability OMERO-ARC (OMERO-BIDS, ARC-BIDS)
- REMBI / Mapping
- OMERO / zarr
- 3D Slicer, Neuroglancer

Please consider Use Cases in each topic!

<16:00 - 17:30 Workflows / Roadmap / Groups & Tasks Lecture Hall/Room 0.039/0.040

3 x fixed 30 minutes blocks

- 1) *Starting from the User Perspective
Graphical workflows of (meta) data
with examples & connecting all topics*
- 2) *Zoom into technical & IT infrastructure
requirements to enable workflows –
critical requirements, problems, tasks*
- 3) *Building ~4 teams, align and update task list,
document results (image and text)*

Aftershow:

<17:30 Leaving for CheckIn

<17:50 Local participants - Leaving for Xmas Market -> meeting point:
coming from main station: @ stairs to Cathedral

18:30 Leaving the meeting point

Light the torch

20:00 - 22:00 Guided Tour starts @ Roncalliplatz

On day one, we follow a floating schedule. Bold is fixed, all other blocks might be shorter or depend on the time point of your arrival. Due to the flexible time blocks, we expect to end earlier with the scheduled points leaving some time for you to explore the graphical results of the other teams, directly dive into topics, preparing the documentation continue a more fine-granuled planning with your team for the next morning or just for the CheckIn at your Hotel.

All talks are max. 10 min + max. 5 min discussion the OMERO & zarr talks are combined with max. 20 min in total for talk and discussion.

30.11.2023

Booting our Systems:

09:30 - 10:00 Define & document the goals for the day
(in workgroups) Room 0.039/0.040

Hacking - Hacking – Hacking:

10:00 - 12:00 Work (in workgroups) Room 0.039/0.040

Re-charging Batteries:

12:00 - 13:00 Lunch

Hacking - Hacking – Hacking:

13:00 - 15:30 Work (in workgroups) Room 0.039/0.040

Re-charging Batteries & Diving into the CAVE:

15:30 - 16:00 CAVE-Room 1 – Coffee Room 2

16:00 - 16:30 CAVE-Room 2 – Coffee Room 1

Hacking – Cleanup – Documentation:

16:30 - 18:00 Work (in workgroups) Room 0.039/0.040 & lecture hall

Final Re-Cap & Report Prep:

18:00 Final Re-cap (in workgroups)

Room 0.039/0.040 & lecture hall

Networking & Re-charging Batteries

19:30 Dinner @ Well Being - Brabanter Str. 48

01.12.2023

Hurry up!

09:30 - 11:30 Preparing Reports (5-7 slides, use graphical workflows, locate progress)
Last Edits, Cleaning up, To Do Lists, Github issues, Document! Room 0.039/0.040/0.037/0.038

Refuel!

11:30 - 12:30 Lunch

Shine!

12:30 - 13:30 Final Reports (5-10 min + 5 min discussion) lecture hall

- 12:30 - 12:45 - Interoperability
- 12:45 - 13:00 - REMBI / Mapping
- 13:00 - 13:15 - OMERO / zarr
- 13:15 - 13:30 - 3D Slicer, Neuroglancer

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13:30 - 14:00 Final Discussion lecture hall

- use graphical workflows, locate progress
- optional: pro and con lists
- outlook

So long and thanks for all the fish!

14:00 - 14:15 Closing the Hackathon lecture hall
Andrea Schrader - Torsten Stöter - Astrid Schauss