

NFDI4BIOIMAGE Newsletter – September 8th, 2023

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Von: NFDI4BIOIMAGE Project Office <nfdi4bioimage@uni-duesseldorf.de>

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An:

Dear {NAME},

Today's newsletter highlights opportunities to get in touch with the consortium's members and partners:

What's upcoming?

- Next week, the **Conference on Research Data Infrastructures (CoRDI)** takes place in Karlsruhe (**Sept. 12th to 14th**). Our consortium members will present posters on our work (see: Poster Session I: #38 Stöter et al.; Poster Session II: #30 Moore & Kunis). Moreover, **come find us at the Market of the Consortia** (Sept. 13th and 14th during lunch & coffee breaks in the Foyer). <https://www.nfdi.de/cordi-2023/>
- Join the **RDM4mic meeting** (Research Data Management for Microscopy group), a **hybrid meeting** from Sept. 19th to 21st in Münster.
Please feel free to join online: <https://www.zoom-x.de/j/68148607065?pwd=c1dyeUh0aWR5TjhCdStHcFZxK3VKdz09>
Meeting ID: 681 4860 7065
Check out the program here: <https://hackmd.io/@sukunis/rJeaXrvCn>
- Meet NFDI4BIOIMAGE members at the **EOSC Symposium in Madrid from Sept. 20th to 22nd**. Participating are Björn Grüning, Elisa May, and Christian Schmidt
- The **Global BioImaging Exchange of Experience VIII Meeting** takes place from Oct. 25-27 in South Africa. **Online Participation is possible**. Register for the online event until October 1st: <https://globalbioimaging.org/exchange-of-experience/exchange-of-experience-viii>
- Together with our partner consortium, DataPLANT (<https://nfdi4plants.de>), NFDI4BIOIMAGE organizes a **project at the 2nd de.NBI Biohackathon Germany**, taking place in Bielefeld from **December 11th to 15th**. The objective: Improve the interoperability between the standard data structures [BIDS \(Brain Imaging Data Structure\)](#) and [ARC \(Annotated Research Context\)](#) in combination with the [image data management system OMERO](#). The project is offered by N. Kandpal and A. Schröder with support from [CEPLAS ExC](#), [CECAD ExC](#), [CRC-TRR 341](#), and the [RRZK](#) at University of Cologne. Register and sign up for the project here: <https://www.denbi.de/de-nbi-events/1547-biohackathon-germany-2>

What's new?

- Our consortium aims to provide RDM solutions and support for the bioimaging community. We are open to use case collaborations with community partners on topics relevant for your bioimaging. **NFDI4BIOIMAGE has begun building its Data Stewardship Team (DaSts)**, led by:
 - Dr. Vanessa Fuchs, Heinrich-Heine-University Düsseldorf
 - Dr. Maximilian Müller, University of Konstanz

While an online Help Desk and an introduction of the still growing DaSts-Team is yet to follow, for a start, please reach out via support@nfdi4bioimage.de to get in touch with the team.

What's to read?

- Did you miss the NFDI4BIOIMAGE Online Kick-Off event on June 20th, 2023? Find the meeting slides for review on Zenodo:
 - Weidtkamp-Peters, S: NFDI4BIOIMAGE - National Research Data Infrastructure for Microscopy and Biolmage Analysis - Online Kick-Off 2023. Zenodo. <https://doi.org/10.5281/zenodo.8070038>
- You are curious about an overview of the **challenges and progress in making image data FAIR**? Read this excellent review by our partners at Euro BioImaging ERIC:
 - Kemmer et al.: Building a FAIR image data ecosystem for microscopy communities. *Histochem Cell Biol.* doi: [10.1007/s00418-023-02203-7](https://doi.org/10.1007/s00418-023-02203-7). PMID: [37341795](https://pubmed.ncbi.nlm.nih.gov/37341795/).
- You are struggling with large, high-dimensional data? **Read more about OME.Zarr**:
 - Moore et al.: OME-Zarr: a cloud-optimized bioimaging file format with international community support. *Histochem Cell Biol.* doi: [10.1007/s00418-023-02209-1](https://doi.org/10.1007/s00418-023-02209-1). PMID: [37428210](https://pubmed.ncbi.nlm.nih.gov/37428210/).

With kind regards,

Kathy Schmitz & Christian Schmidt (Project Office)

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The NFDI4BIOIMAGE consortium comprises legally independent partners and does not act autonomously towards third parties. Both Project Coordinators represent the contributions from their respective affiliated institutions and work together for the project.