

Betreff: NFDI4BIOIMAGE Newsletter – September 3rd, 2026

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

An:

Dear NAME NAME,

Here is NFDI4BIOIMAGE's third Newsletter in 2026 presenting recent updates and upcoming events:

What's new?

- On July 7th, a team of **five consortium members presented NFDI4BIOIMAGE's progress over the first three years** of the project at the DFG Headquarters in Bonn. We highlighted the established service portfolio of NFDI4BIOIMAGE to support the bioimaging community with tools and advice on bioimaging research data management. We are grateful for the valuable feedback and input from both reviewers and the members of the NFDI expert committee. Find the interim report published on Zenodo here: <https://doi.org/10.5281/zenodo.20509377>
- On July 10th, the Joint Science Conference (Gemeinsame Wissenschaftskonferenz, GWK) of the Federal Government and the Länder **approved a new Bund-Länder-Vereinbarung (BLV)** as the basis for continued funding for the National Research Data Infrastructure as of 2029. The new BLV secures NFDI funding until 2038 and is accompanied by structural changes to the NFDI governance. A transition team will orchestrate a stepwise process to transform the NFDI from its current consortia-based structure into the new NFDI structure, which will comprise „Fachgruppen“ and a „Betriebsnetzwerk“, among others. The transition into the new BLV structure will not only be supported through a dedicated transition team, but also builds on extensive cross-consortia networking within the past years (e.g.: within the BioMed Data Interest Group, see a [joint statement here](#)). With the new BLV, stakeholders within the NFDI are setting out to enable a long-term, sustainable services offering for the research communities in Germany, and contribute to the establishment of the European Open Science Cloud (EOSC).
- Global Biolmaging, in particular through its working group in Image Data, has recently restarted the successful **GBI Spotlight Series Talks** with a focus on image data management. From May 2026, and over the course of more than one year, monthly talk series will provide information on various topics to improve data management practices in core facilities. Each episode is preceded by an online resource publication outlining the specific topic and providing practical advice. The Spotlight Series on Image Data is co-coordinated by GerBI-GMB and NFDI4BIOIMAGE. Our project coordinator, Christian Schmidt, will contribute to the topic „Know your limits“ in the corresponding online talk. Find all details and the registration information here: <https://globalbioimaging.org/working-groups/image-data-management/gbispotlights-on-image-data-management>
- Good news from our partner project **I3D:bio (Information Infrastructure for Biolmage Data)**. The Deutsche Forschungsgemeinschaft **DFG has now approved funding for a**

second project phase, in which the project's focus includes not only continuing the OMERO deployment support service, offered in collaboration with NFDI4BIOIMAGE, but also connecting omics and imaging data through integrated OMERO infrastructure more easily. The project partners at DKFZ Heidelberg, Heinrich-Heine-University Düsseldorf, QBiC at Uni Tübingen, and German BioImaging are currently looking for new colleagues to work on the project. Visit <https://www.i3dbio.de> for latest updates and to find job openings on the project.

What's upcoming?

- Did you have a chance to register for the **Boosting BioData Bootcamp**? Collaboratively organized by NFDI4Microbiota, DataPLANT, FAIRagro, NFDI4Biodiversity, and NFDI4BIOIMAGE, we look forward to seeing you in Aachen from September 15-17. Researchers from different biological domains will participate in workshops on the services and tools provided by the NFDI Consortia working in the field of biological and life sciences. Registration is now closed.
- The **8th International Symposium on Image-based Systems Biology** takes place from September 17-18 at our co-applicant institution HKI Jena. Find further information here: <https://asb-conference.hki-jena.de/>
- The **2026 Data Stewardship goes Germany** Meeting will take place from September 28-29 in Cologne. More information: <https://fdm.uni-koeln.de/dsgg26>
- Meet Dirk v. Suchodoletz at the **DFN-Betriebstagung** on October 6-7 in Berlin. Dirk will speak about OSVDI, the open source virtual desktop infrastructure, which is being developed as part of NFDI4BIOIMAGE's work program. Find the details here: <https://www.dfn.de/event/85-dfn-betriebstagung/>
- Co-organized by de.NBI and members of NFDI4BIOIMAGE, and following the [ESG4Starts Kick-Off Meeting](#), the **2nd Galaxy Tool Development Workshop** will take place from October 7-9 in Freiburg, Germany. Find more information here: <https://galaxyproject.org/events/2026-10-07-tool-dev-workshop/>
- The **RDM4Mic Meeting 2026** is scheduled for October 7-9, and will take place in Cologne. See <https://german-bioimaging.github.io/RDM4mic.github.io/> for updates and information on the event.
- The **Global BioImaging Exchange of Experience 2026** with a focus on **Open Access to Imaging around the Globe** will be hosted by the EMBL in Heidelberg from October 26-29: <https://globalbioimaging.org/exchange-of-experience/exchange-of-experience-2026-save-the-date>
- The **Helmholtz Imaging Week 2026** including the Helmholtz Imaging Conference 2026 takes place from November 9-12, 2026 in Leipzig: <https://events.hifis.net/event/2690/>. Riccardo Massei, Michele Bortolomeazzi, and Christian Schmidt from NFDI4BIOIMAGE will contribute with a workshop on figure creation in OMERO.
- Starting in January 2027, the **NFDI4BIOIMAGE – Services in Action seminar series** takes a practical look at tools and services for bioimage data management, analysis, sharing and reproducibility. The monthly online sessions take place every third Wednesday at 1 p.m. and cover topics including Galaxy, OME-Zarr, BAND/BARD, JIPipe and OMERO. [The series will take place as part of the GerBI Chat](#).

- Save the Date for **Trends in Microscopy TiM2027** in Münsingen! The biannual conference organized by German Biolmaging e.V. will take place from March 8-12, 2027: <https://trendsinmicroscopy.de/>

What's to read or watch?

- The Chemnitz Linux Days took place in March already. Now available is a video recording of **Michael Scherle's presentation about OSVDI**, the open-source virtual desktop infrastructure framework developed at the University of Freiburg. Find the recording here and learn more about this exciting project: <https://nfdi4bioimage.de/en/news/presenting-the-nfdi4bioimage-driven-vdi-service-at-clt-2026/>
- A multitude of data resources poses a challenge to our ability to combine data into a coherent, meaningful atlas resource. Timo Dickscheid and colleagues have created the **Siibra software suite to facilitate a multilevel approach within the human brain atlas**. Find the paper published in Nature Methods here: <https://doi.org/10.1038/s41592-026-03159-x>
- Markus Becker from the Leibniz Institute for Plasma Science and Technology, and his team have published their work on **FAIR-compliant data management workflows for Bioimaging Data in the field of Plasma Medicine**. Along with the article, they also provide the original data as a FAIR-compliant, reusable dataset in the INPTDAT repository. Read the full publication here: <https://doi.org/10.1038/s41597-026-07982-x>
- Mara Lampert and Robert Haase published an article in Laborjournal highlighting **the potential and limitations of large language models in bioimage analysis code generation**. In particular, they outline how researchers can optimize their prompting strategies to increase output quality and validate results. Find the article here (in German): <https://www.laborjournal.de/rubric/methoden/methoden/v323.php>
- The latest issue of the digital magazine “**forschung – Das Magazin der Deutschen Forschungsgemeinschaft**” features an article about the NFDI and its role within Germany's research infrastructure landscape. Among the exemplified consortia is also NFDI4BIOIMAGE with its focus on large, cloud-ready data. Find the latest issue of “forschung” here: <https://www.dfg.de/de/aktuelles/publikationen/forschung>

Remember: We are here for your research data! Don't hesitate to reach out to our Help Desk with any issues around bioimaging RDM: <https://nfdi4bioimage.de/help-desk/>

Follow us on Bluesky: <https://bsky.app/profile/nfdi4bioimage.bsky.social>

Follow us on Mastodon: <https://nfdi.social/@nfdi4bioimage>

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Best wishes,

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(NFDI4BIOIMAGE Coordination 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 on the consortium.