Panel of Core Facilities meeting

Online meeting (Teams)
February 14th. from 13:00 to 14:30

Participants

Thomas Hartig Braunstein (THB), Sebastian J Kjeldgaard-Nintemann (SKN), Nynne Christensen (NC), Nina Burmeister (NB), Sonia Diaz Garcia (SDG), Peidi Xu (PX), Richard de Mets (RM), Julia Katharina Mertesdorf (JKM), Morten Frendø Ebbesen (MF), Chris Dinant (CD), Tiina Naumanen Dietrich (TND), Jon Sporring (JS), Xiaowen Wang (SW), Sunny Dai (SD), Andre Dias (AD), Rebeca Engberg (RE).

Agenda

- Welcome - Thomas Hartig Braunstein (THB)
- EuroBioimaging representatives – THB
- News from Eurobioimaging - THB
- Expertise searchable tool - RM
- Changes to the Danish BioImaging homepage – THB and SDG
- Danish BioImaging 2024 report – Panel of Facilities page - THB
- DBI-INFRA IACF updates - JKM
- Outreach activities – SDG
- Danish BioImaging Symposium in 2025 – THB and SDG
- PoF activities in 2025 - THB - ALL
- Next DBI meeting _ All
- AOB

Welcome

Thomas Hartig Braunstein (THB) chaired the meeting based on the points presented in the mail sent to all the participants prior to the meeting.

Eurobioimaging representatives and updates on Eurobioimaging all Hands Node meeting

The first topic on the agenda was EuroBioImaging representatives. THB starts this point by providing an update of the result of the elections to vote for the Euro-Bioimaging representatives, a representative and a substitute, who also function as Chair and Vice-Chair for the Panel of Facilities. He shares that he and NC retain their position of chair and co-chair for another two years term. THB continues by providing an update on Eurobioimaging all hands meeting in Heidelberg on March 25-28. He presents the draft program, which includes workshops on various technologies and data tools, talks on technological innovations, updates on opportunities for Nodes from Euro-BioImaging, and presentations from international partners. The event will also include dedicated networking time and opportunities for active participation in shaping Euro-BioImaging's future activities. Furthermore, it will be possible to attend the event remotely. Please indicate your interest in remote participation in the appropriate section of this form.

THB, NC, SDG, CP, TL, and RM will attend in person. THB will take part in an interactive session with Euro-BioImaging Hub staff, including a short presentation on the user access experience at the Danish node. Additionally, TL from the DBI INFRA IACF will give a talk on the Danish BioImaging Infrastructure Image Analysis Core Facility. A poster from Danish BioImaging will also be presented at the event.

News from Eurobioimaging

THB continues this point by sharing funding opportunities at EuroBioImaging, which is constantly working to make new funding opportunities available. Further details available on the EuroBioimaging webpage how to access funding . Additionally, it was noted that Euro-BioImaging has been awarded several Horizon Europe grants to support User Access at Euro-BioImaging Nodes, and THB presented a table outlining the available national and international funding instruments for potential applicants.

TBH concludes that as part of the Horizon Europe project EVOLVE, the Training Program at Euro-BioImaging is focused on providing training opportunities for Node staff. The goal is to support them in delivering high-quality services to users, managing and coordinating their facilities, and fostering their own skill and career development.

As part of the job shadowing under the Euro-BioImaging EVOLVE project, Julia Katharina Mertesdorf from the DBI-INFRA Image Analysis Core Facility in Denmark visited the BioImage Informatics Infrastructure Unit (BIIF) in Uppsala, Sweden, for one week in November 2024. The purpose of the visit was to learn about the organization and activities involved in running an image analysis facility.

Overview of the CF techniques sheet

Richard de Mets (RM) continues the meeting with an update on the expertise searchable tool. He presents a table describing how to use the search function, along with an updated list of core facilities and their levels of expertise, categorized as low, intermediate, expert, or no equipment.

He emphasizes that the core facilities are themselves responsible for updating their equipment in a spreadsheet in a Google account and that the main advantage of this setup is the simplification of the maintenance of updates of the techniques for each facility, and the quick expansion if new facilities join the infrastructure.

The spreadsheet should be updated anytime there is a new technique at your facility that you want to promote. Furthermore, the date of the last update appears on the table. It was agreed that the table will be showed in the Danish Bioimaging Network website covering all the core facilities in Denmark.

The tool is implemented in the DBI-INFRA website DanishBioImaging Infrastructure (dbi-infra.eu) and the Danish BioImaging website DBI Techniques Table , where all the facilities in Denmark can now be included.

Action: If your facility is not yet listed on this page, please contact RM to request access to the spreadsheet and include your facility in the Danish Bioimaging techniques table.

Changes to the Danish BioImaging homepage

SDG proceeds with the meeting, announcing that the Danish BioImaging website now includes a new global jobs section powered by MicroscopyDB, while still maintaining the Danish job listings. In this new feature the visitor can find a non-exhaustive list of job opportunities in the imaging community.

Furthermore, there is a news archive compiling the DBI news since 2017. Moreover, the front-page right column displays now the job postings and upcoming events. For this reason, she encourages everyone to continue updating the DBI website if they have any local events or job positions. These will also be featured in the DBI newsletter.

Danish BioImaging 2024 report – Panel of Facilities page – THB

The next item on the agenda is the DBI report, which will be published soon on the DBI website. Under the DBI INFRA Governance section, one page highlights the Panel of Facilities (PoF), showcasing activities organized in 2024, such as the May webinar presented by ArgoLight, titled *Let's Perform More QC in Less Time*, which focused on quality control for fluorescence-based microscopes. Additionally, in October, Danish BioImaging hosted an interactive workshop on *Improving Microscopy Trainings with Pedagogy*, led by Sylvie Le Guyader, Senior Research Infrastructure Specialist at Karolinska Institutet.

DBI-INFRA IACF Updates

JKM continues with the next point in the agenda, giving an update on the DBI-INFRA Image Analysis Core Facility (IACF). The IACF is physically located at the DBI-INFRA Hub (UCPH Faculty of Health and Medical Sciences), but its services are accessible from anywhere.
JKM highlights the success of the "Python for BioImage Analysis" workshop organized by the Danish Molecular Biomedical Imaging Center (DaMBIC) at the University of Southern Denmark on January 20-21, followed by a one-day open office session. In 2025, the IACF organizes the Python for BioImage Analysis (3-Day Distributed Course) from March 31 to April 2 and continues the Call4help biweekly calls. Visit the DBI INFRA website to learn more about the services and events organized by the DBI INFRA IACF in 2025.

Outreach activities

Afterwards Sonia DG (SDG) briefly updates us about the communication deliverables. SDG shares that DBI-INFRA maintains accounts on several social media platforms, including Twitter, LinkedIn, and YouTube. On LinkedIn, DBI-INFRA currently has more than 1,400 followers. Since December 2024, DBI-INFRA has also expanded its presence to Bluesky and Instagram.

The DBI-INFRA accounts are used to disseminate new services, activities, and applications. To inspire life scientists and showcase the impact of open access bioimaging technologies, in 2025 we continue the DBI serie serie called "meet the DBI-INFRA users" with an interview with Vinay Mishra, a postdoctoral researcher in the Department of Physics, Chemistry, and Pharmacy at SDU and a user at DaMBIC. His project is about *MicroTool: Microscopy for Enhanced Stability of Mixed Dairy Products* and access to the advanced microscopy facilities at DaMBIC was key to the success of his research.

Our latest video, published in November, featured an interview with Rikke Agerskov, a PhD researcher in the Department of Science and Environment at Roskilde University (RUC). The video garnered over 40,000 views on the DBI YouTube channel.

Furthermore, the three most popular LinkedIn posts in 2024, which attracted the most engagement, highlighted the Chan Zuckerberg Initiative-funded *Molecule to Human Boot Camp (M2H)* with the Danish Euro-BioImaging node selected to organize and host this global event. Another widely viewed post covered CAB's successful infrastructure grant from the Novo Nordisk Foundation, which funded the purchase of two new instruments to expand into analytic and label-free imaging with Leica. Lastly, a post announcing the launch of the *Image Analysis Open Office* in Aarhus in October 2024 which also generated a vast number of visits reaching more than 2000 members and more than 3.500 impressions.

Finally, SDG encourages everyone to reach out to her if anyone would like to feature an event, job offer, or news article in the upcoming DBI newsletter and to keep the DBI website updated with job openings open calls and events on the DBI website.

Danish BioImaging Symposium in 2025

SDG outlines that the Danish Bioimaging Scientific Symposium will take place at Roskilde University on June 11th – 12th 2025 and is organized by Pia Nyeng (PN)). This year, the symposium will emphasize knowledge exchange and community building among *bioimaging facilities* and *technology development* groups. Attendees will have a unique opportunity to network, explore emerging bioimaging technologies, brainstorm new technology ideas based on life-science user needs, and establish collaborations. The symposium will feature dedicated time for discussions and networking, focusing on three main themes: Bioimaging Research Models and Detection Methods ("Wetware"), Bioimaging Systems ("Hardware") and Biological Image Analysis ("Software")

Registration fee will include catering for coffee breaks, poster sessions, and attendance at the symposium dinner. As an action point, anyone interested in helping with the symposium organization should contact PN and the DBI Coordinator, SDG.

You can also visit this link to register for the DBI Symposium and view the preliminary program. Additionally, please help promote the symposium website within your facility and to users. Moreover, this is the post about the symposium published on LinkedIn to share ready to be shared within your network.

PoF Activities in 2025

The next point on the agenda is to plan the PoF activities for 2025. THB resumed the activities organized in 2024 and invited brainstorming on topics to discuss during the PoF meetings this year. During the discussion, some suggested topics include talk about clearing techniques, image analysis process tools, LEAF (Laboratory Efficiency Assessment Framework), expansion microscopy, and data management.

ACTION: Please fill in this google doc to provide the topics you would like to include for the upcoming PoF meeting.

Next DBI meeting

To conclude, it was discussed that the next PoF meeting will be held during the next DBI Symposium in Roskilde on June 12 from 13 to 15.

7. AOB

None