



Protocol General Assembly 2023

October 11th, 2023

Start 11:00h

Introduction of the two host institutions: institute organization, research, scientific facilities.

- MPI for Brain Research (MPIBR, Stephan Junek) and
- MPI of Biophysics (MPIBP, Sonja Welsch)

Lunch

⇒ Public Mini-Symposium “BioImaging and Facilities in Frankfurt”

1. Florian Wilfling, group leader at MPIBP, Frankfurt: “correlative cryo electron microscopy and autophagy research”
2. Eugene Kim, group leader at MPIBP, Frankfurt: “single molecule microscopy and research of chromosome organization”
3. Dominic Evans, postdoctoral researcher at MPIBR, Frankfurt: “Exploring the visuo-chromatophore system of camouflaging Sepia with imaging.

Coffee break

4. Sonja Welsch: presentation of MPIBP EM facility
5. Stephan Junek: presentation of MPIBR Imaging Facility

Coffee break

6. Friedrich Kretschmer: presentation of MPIBR Scientific Computing and Data Visualization group.

⇒ End of public symposium

Visit of the local electron microscopy and Imaging facilities part I

Dinner

After dinner discussion on the status of MaxBI recruitment of new members and networking opportunities within the MPG.

October 12, 2023

Internal Part

1. Welcome notes from Wiebke Möbius, spokesperson
2. Session "Careers in core facilities"

Guest Speakers:

3. Saskia Lippens (VIB Ghent) presented the programme developed at VIB Ghent on career tracks and career development for core facility staff.
4. Tanja Ninkovic (EMBL ARISE programme) presented the ARISE training programme developed at EMBL for strategic development of Research Infrastructure staff.
5. Ilka Schiessler-Gaebler presented the existing academic career tracks within the MPG and invited her audience to provide input and ideas on future modifications to this scheme to also represent and include core facility staff at MPIs.

The guest speakers kindly agreed to share their presentations for internal use. They can be found [here](#).

Discussion: all participants of the meeting agreed that a definition of career tracks and career development for core facility staff including a possible re-assessment of job descriptions is not only desired but necessary. VIB Ghent's program can serve as an excellent base line for discussions within the MPG. Ilka Schiessler-Gaebler expressed her interest to start and mediate a dialogue between MPG core facility leaders and the MPG.

Lunch

Visit of the local electron microscopy and Imaging facilities part I

6. Reports of WG1-3

The speakers of this session agreed to share their presentations for further reference. They can be found [here](#)

- Wiebke Möbius: MaxBI introduction, organization, working groups, activities of the steering group
- Christian Kukat: Financial overview
- Gabriele Malengo: Report of Workgroup 3: Staff and User Training. Establishing a collaboration with the African BioImaging Consortium
- Antonio Politi (WG3): Report about the development of online tutorial tools and training resources for image analysis to meet the great demand for such courses which are always quickly overbooked. So far 37 modules from 19 contributors were developed and are available on github.

The concept consists of a combination of online tools and courses (online or in-person) with hands-on training to make the training more effective. In the future, image analysis courses for MaxBI should happen in more than 2 institutes. These courses are also meant to enable local Core Units to train their users.

- Miso Mitkovsi: Summary of the aims and status of planned Leica instrument maintenance courses: As a pilot project two courses are planned in January 2024: 23.-24. and 24.-25. for 9 participants each with a registration deadline of 8th of November 2023.
Nikon NIS Element Jobs: requirement for training and teaching?
Proposal to have a Coffee break on LLM (large language models, e.g. ChatGPT) implementation