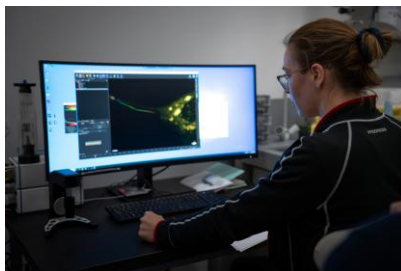


Two succesful courses took place at IMCF in April

[course report] Organizing courses on various topics in microscopy and data analysis is an important part of the facility. This April, we were happy to broaden the knowledge of our participants on two important microscopy topics – cryo-imaging in electron microscopy and dynamic light microscopy of live cells.



Course **Microscopy of Molecular Motion in Living cells**



Photos by Michaela Kolařík Zázvorková



Course **Cryo-Imaging of Biological Samples**



[lab life] "Dress for the job you want, not for the one you've got"... was taken seriously on 30th April at IMCF. No colleagues were harmed.

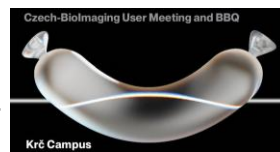
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 @IMCF Imaging Methods Core Facility at Biocev

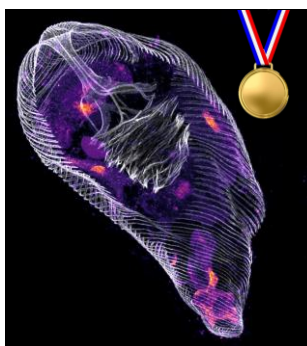
Czech-Biolmaging User Meeting and BBQ

[event report] In June, we joined the annual CzBi user meeting called the Photons, Electrons, and Sausages. It was again a great event with opportunities to meet users and colleagues from other facilities and engage in a chat over a BBQ or a pexeso game. Do not forget to sign up next year!



The Winner of the Picture of the Year

[POTM] The final voting of the Picture of the Month competition of the Prague Euro-Biolmaging node users is over and the winner of the whole year is Anežka Konupková (Faculty of Science, CUNI) with an image called the Microtubular Chaos.



Join the Picture of the Month competition now!

It is open for the users of Prague Eu-Bi node facilities and valuable prizes are waiting for the authors of the most popular images! More info at our website <https://imcf.natur.cuni.cz/>

Price list changes



IMCF announces that the prices of our services were updated. Please find the actual price list on our website.





Funding opportunity:

The Czech-BioImaging user project support call is now open! You can apply until 30th September. For more information contact the IMCF staff or visit <https://www.czech-bioimaging.cz/activities/open-calls/>



Did you know? We are part of the Czech-BioImaging and Euro-BioImaging infrastructures. Check their web pages for updates on funding and events!



IMCF in publication:

ScienceAdvances

Mechanistic insights into TTLL11 polyglutamylase-mediated primary tubulin chain elongation

JANA CAMPBELL · MIROSLAVA VOSAHLIKOVÁ · SAMAR ISMAIL · MARGARETA VOLNIKOVA · LUCIA MOTLOVA · JULIA KUDLACOVA · KSENIYA USTINOVA · IVAN SNAJDR · ZORA NOVAKOVA · MIROSLAV BASTA · IRINA GUTSCHE · MARIE-JO MOUTIN · AMBROISE DESFOSES · AND CYRIL BARINKA

Upcoming events:

Courses you don't want to miss:

IMCF Imaging Methods Core Facility course **BIOCEV**

Python for Analysis and Processing of Images

Introductory Session
October 13-14, 2025

Advanced Session
October 20-21, 2025

Register before 8.9.!

QR code

imcf.natur.cuni.cz/PAPI

Napari included!

Python for Analysis and Processing of Images

While the skills learned during the course will have broad applications (data analysis, plotting, scripting...), the focus of exercises will be on image analysis and processing topics. Prior knowledge of digital imaging is helpful but not required. The course is structured in 2 parts.

3D-CLEM: Imaging Function and Ultrastructure

The light and electron microscopy join forces to push your research further and IN 3D! Do you want to learn how to do it? Register now! You can apply until 19th October.

IMCF **Imaging Methods Core Facility**

invites you to register for the course:

3D-CLEM
Imaging Function and Ultrastructure

Correlative Light and Electron Microscopy workflows for analysis of biological and bio-composite samples in 3D volumes.

November 18 – 21, 2025
Vestec, BIOCEV

The registration is open until October 19th
More info: imcf.natur.cuni.cz



More info on our website

<https://imcf.natur.cuni.cz>

We are a part of:



FACULTY OF SCIENCE
Charles University



BIOCEV

We look forward to seeing you in our facility!