

IMAGING FACILITY WORKSHOP

Multi-modal light microscopy imaging in plant research

13-14 October 2026

Institute of Experimental Botany of the CAS | **Prague**

- Explore cutting-edge imaging technologies at IF IEB Prague.
- Tailored for experienced microscopists.
- Registration fee 2000 CZK/80 EUR + VAT

Hands-on sessions

MIRAVA Polyscope: 3D STEM and FLIM (Gero Schloetel · Abberior Instruments)

Resolution down to 30 nm, FRET-FLIM and autofluorescence removal

NOBODY, aka PLANT SCOPE XERO (Daniel von Wangenheim · 3i)

Gentle long-term, multiposition imaging with growth tracking

DYNAMICS PROFILER (Tudor Cicerone · ZEISS)

Measure molecular dynamics in living samples

TIME-RESOLVED IMAGE ANALYSIS (Olaf Schulz · PicoQuant)

Fit and analyse FLIM data using SymPhoTime

Participants are encouraged to bring plant samples and discuss experimental design.

New technologies in action at IFIEB!

Want to join?
Email your motivation and expectations to:
ifieb@ueb.cas.cz



ueb.cas.cz/if