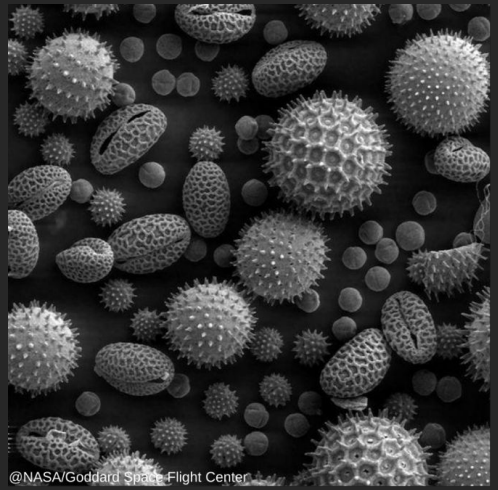
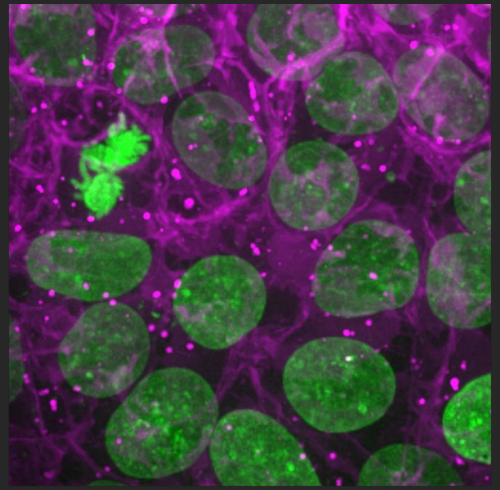
Center for Imaging

Introduction to Python for Image Analysis

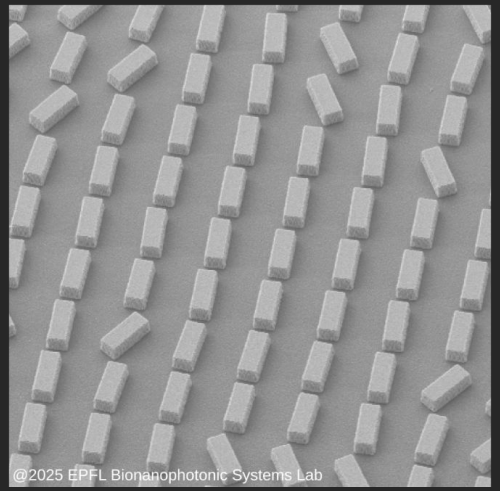
Imaging Lunch - 10 September 2025

Mallory Wittwer, Florian Aymanns


@NASA/Goddard Space Flight Center



@EPFL ECEO Lab


@2025 EPFL Bionanophotonic Systems Lab

@The Panorama Terapixel - 2025 EPFL

➡️ Upcoming Imaging Lunches

Why use Python for image analysis?

- ✅ Easy to learn and use
- ✅ Free & open-source
- ✅ Wide range of libraries
- ✅ Implement custom functions & tools
- ✅ Automate image analysis via scripts
- ✅ Deep learning & data science
- ✅ Explore data in Juptyer notebooks

➡️ Workshop material

Center
for Imaging

📍 Next Imaging Lunch: 24/09/2025

“Fiji and Macros for Automated Analysis”

Feedback