Series of computer laboratories

- Code image-processing algorithms
- Apply image-processing routines on images
- Practical complement of the lectures

IMAGE PROCESSING LABORATORIES

MICRO-511

Michael Unser
Dimitri Van de Ville
Daniel Sage

Jupyter Notebooks on NOTO

Interactive notebooks, No installation, just a browser
Use of industry level technology

Best of two worlds: Python and Javascript

- Versatile test pipeline in Python
- Javascript library for fast access to the pixel level
- Interactive viewer for Image Processing Programming

New

- Noto server is more powerful (>250 students)
- Detailed feedback after grading
- Plagiarism detection

- Developed by Dr. Pol del Aguila Pla, Kay Lächler, Alejandro Nogueron and Dr. Daniel Sage
- Project supported by CEDE at EPFL
- Thanks to the Noto Dev. Team

THANK YOU FOR YOUR FEEDBACK!

Agenda

Information on Moodle

Lab0 Introductory

Lab1 Pixel-wise / Fourier

Lab2 Digital Filters

Lab3 Morphology Operators

Help Session 10:15-12:00
No lecture the day of the lab