



ImageJ/ Fiji course

Image processing & Analysis

NKI - BioImaging Facility

Hands-on practical course: presentations & interactive exercises

For all OOA microscopy users interested in image processing and analysis

ImageJ/ Fiji is a public domain image processing and analysis program. The main objective of this course is to give the microscopy user a global understanding of the huge potential of the program. Topics include:

Day 1. Image representation & Processing

- Handle file formats and multidimensional data (XYZTλ)
- Basic operations: histogram adjustment, making figures, 3D visualization
- Image processing (filters, background subtraction, FFT)

Day 2. Image analysis & Task automation

- Basic analysis: threshold, measuring objects/intensity
- Counting cells/particles
- Color deconvolution (IHC)
- Plugins (colocalization, registration, tracking)
- How to write macro's

You have to commit to both days from 9:00-17:00. The modules cannot be attended independently.

Course date: to be announced

The course is not yet open for registration

For questions: bioimaging@nki.nl