

5th Image Analysis Workshop – ImageJ (basic)

A basic ImageJ / Fiji workshop for life science students, *Ph.D.* (students), postdocs and technicians with hands-on on own research data.

Please note: The 4th (October 2017) and additional 5th (November 2017) image analysis workshops are identical.

November 22nd – 24th 2017

Life Imaging Center (LIC), Center for Biological Systems Analysis (ZBSA)

Albert-Ludwigs University Freiburg

Habsburgerstr. 49, 79104 Freiburg im Breisgau

Organization: Microscopy and Image Analysis Platform (MIAP), Freiburg University and Bioimaging Center (BIC), Konstanz University

Instructor: Dr. Stefan Helfrich

Day 1: November 22nd, 09:00 – 17:30	
09:00 – 09:30	Welcome & workshop introduction with Coffee and Tea
09:30 – 10:00	Introduction to the ImageJ ecosystem
10:00 – 11:30	Basics of digital images
11:30 – 12:30	Digital image processing with ImageJ
12:30 – 13:30	LUNCH BREAK
13:30 – 15:30	Digital image processing with ImageJ (continued)
15:30 – 15:45	Break: Coffee and Tea
15:45 – 17:30	Counting spots in- and outside nuclei/cells

Day 2: November 23rd, 09:00 – 17:30	
09:00 – 11:00	Advanced quantification of biological image data
11:00 – 11:15	Break: Coffee and Tea
11:15 – 12:30	Ethics in digital image processing
12:30 – 13:30	LUNCH BREAK
13:30 – 15:00	Co-localization analysis with ImageJ
15:00 – 15:15	Break: Coffee and Tea
15:15 – 17:30	Introduction to macro programming with ImageJ

Day 3: November 24th, 09:00 – 16:00	
09:00 – 10:30	Macro programming with ImageJ
10:30 – 10:45	Break: Coffee and Tea
10:45 – 12:00	Macro programming with ImageJ (continued)
12:00 – 12:30	Workshop wrap-up and feedback session
12:30 – 13:30	LUNCH BREAK
13:30 – 16:00	Q&A session with your own research data

Please bring your own research data with you if you are interested in the Q&A session.

Please bring your own laptop and install the latest Fiji version in advance.

Please note: The 4th (10-2017) and additional 5th (11-2017) image analysis workshops are identical.

For more information, please contact MIAP: <http://www.miap.eu> info@miap.eu