

10th 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.

July 10th – 11th 2019

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

Instructor: Kota Miura, PhD

Day 1: July 10 th , 10:30 – 18:30	
10:30 – 11:00	Introduction & Welcome with Coffee
11:00 – 12:30	From Images to Numbers
12:30 – 13:30	LUNCH BREAK
13:30 – 14:15	From Numbers to Images
14:15 – 15:15	Multi-Dimensional Data incl. Coffee Break
15:15 – 16:00	Region of Interest and Segmentation
16:00 – 17:00	Pre- & Post-processing for a better segmentation incl. Coffee Break
17:00 – 17:30	How filters work
17:30 – 18:30	Q&A, Bring your own problem

Day 2: July 11 th , 09:00 – 17:00	
09:00 – 09:45	Measurements: Counting and Locating Dots
09:45 – 10:30	Measurements: Lengths
10:30 – 11:00	Break: Coffee and Tea
11:00 – 11:45	Measurements: Area
11:45 – 12:30	Measurements: Volume
12:30 – 13:30	LUNCH BREAK
13:30 – 14:00	Batch Processing
14:00 – 14:30	Measuring Dynamics
14:30 – 14:45	Break: Coffee and Tea
14:45 – 15:15	Intensity Changes
15:15 – 15:45	Position Changes
15:45 – 16:00	Break: Coffee and Tea
16:00 – 16:30	Manual Tracking
16:30 – 17:00	Automated Tracking

- You can bring your own research data with you if you are interested in the Q&A session.
- You can bring your own laptop. If you do, please install the latest Fiji version in advance.
- If you do not, 12 high-end analysis computers will be available for you to use.
- For more information, please contact MIAP: <http://www.miap.eu> info@miap.eu

