MIAP Workshop Program 2018

8th 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.

November 14th – 15th 2018

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

Albert-Ludwigs University Freiburg

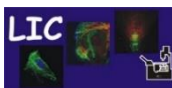Habsburgerstr. 49, 79104 Freiburg im Breisgau

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

Instructor: Kota Miura, PhD

Day 1: November 14th, 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: November 15th, 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