

OMERO Workshop

The Open Microscopy Environment (OME) is an open-source software project that develops tools that enable visualization, analysis, sharing and publication of biological image data. Data organisation, annotation, searching, image visualization and figure creation as well as processing data in OMERO using 3rd party tools such as CellProfiler, ImageJ, R, Orbit, server-side OMERO scripts will be presented. Participants are encouraged to bring their own laptops.



September 3rd – 4th 2018

Imaging Core Facility, Biozentrum, University of Basel
Klingelbergstr. 50/70, 4056 Basel, SWITZERLAND

Organization: Microscopy and Image Analysis Platform (MIAP), University of Freiburg
Imaging Core Facility, Biozentrum, University of Basel

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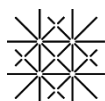
Day 1: September 3rd, 9:00 – 18:00	
09:00 – 09:15	Welcome & Introduction: Workshop Day 1
09:15 – 10:00	Introduction to OMERO and Image/Data Management
10:00 – 10:15	Coffee Break
10:15 – 11:15	Basic Workflows: Fiji manual Workflow
11:15 – 12:15	Basic Workflows: Fiji scripting Workflow
12:15 – 13:15	LUNCH BREAK
13:15 – 14:15	Orbit manual Workflow
14:15 – 15:15	OMERO.parade
15:15 – 15:30	Coffee Break
15:30 – 16:30	OMERO.figure
16:30 – 17:30	OMERO.mapr
17:30 – 18:00	Image Data Resource (IDR)

Day 2: September 4th, 9:00 – 18:00	
09:00 – 09:15	Welcome & Introduction: Workshop Day 2
09:15 – 10:15	Advanced Workflows: Import using the Command Line Interface (CLI), post-import processing using scripts and CLI plugins
10:15 – 10:30	Coffee Break
10:30 – 12:00	Advanced Workflows: Client-side Scripting using ImageJ, R, Orbit, CellProfiler
12:00 – 13:00	LUNCH BREAK
13:00 – 15:15	Advanced Workflows: Introduction to server-side Scripting, Creation of OMERO.figure programmatically, Developing / Extending OMERO.web apps
15:15 – 15:30	Coffee Break
15:30 – 17:00	Administration of OMERO.server using the Command Line Interface Installation of OMERO.server (optional; according to interest)
17:00 – 18:00	Open Q & A Session

Participants are encouraged to bring their own laptops.

Each day of the workshop can be booked individually.

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



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Molecular Life Sciences



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