MIAP Workshop Series 2018
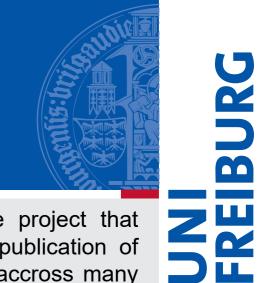
OMERO Workshop

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

September 3rd – 4th 2018

For more information and registration:
https://miap.eu - info@miap.eu

The Open Microscopy Environment (OME) is an open-source software project that develops tools that enable access, analysis, visualization, sharing and publication of biological image data. OME supports more than 150 image data formats accross many imaging modalities including medical imaging, high-content screening and whole-slide imaging. OME supports and visualize multi-channel 3D timelapse images.

OMERO, a component of OME, is a software platform for image data management and analysis which will be presented in this workshop. Import, organisation, viewing, searching, annotation and publishing of imaging data with OMERO will be shown. The first day of the workshop concentrates on basics of OMERO and doesn't assume any programming skills.

During the second day, we will show how to transition from manual data processing to automated processing workflows using applications against the OMERO API, how to integrate a variety of processing tools with OMERO such as CellProfiler, Orbit, ImageJ, R and how to programmatically generate output ready for publication. We will also demonstrate command line tools available to facility managers and system administrators to administrate an OMERO server.

Experts:

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University of Basel

BIOZENTRUM
The Center for Molecular Life Sciences

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OME

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