

MIAP Workshop

Open Application Development (OAD) and Automated Microscopy

Smart Acquisition Strategies and Automation

20th June – 22th June 2017
Center for Biological Systems Analysis (ZBSA)
Freiburg University



Organization Microscopy and Image Analysis Platform (MIAP), Freiburg

Instructors Sebastian Rhode, Ingo Bartholomäus, Carl Zeiss Microscopy GmbH

Day 1: Tuesday, June 20, 09:00 – 17:00

09:00 – 10:30	Welcome & Introduction to OAD Sebastian Rhode, Carl Zeiss Microscopy GmbH
10:30 – 10:50	Coffee break
10:50 – 12:00	General Discussion of Expectations and Needs for OAD applications
12:00 – 13:00	Lunch break
13:00 – 14:00	Usertalk: Title tbd Jeremy Pike; Cancer Research UK Cambridge
14:00 – 17:00	Practical Session: Presentation of examples Followed by practical and interactive programming session

Day 2: Wednesday, June 21, 09:00 – 17:00

09:00 – 10:00	Introduction to Experiment Feedback Sebastian Rhode, Carl Zeiss Microscopy GmbH
09:00 – 12:00	Practical Session (Experiment Feedback): Presentation of examples Followed by practical and interactive programming session
12:00 – 13:00	Lunch break
13:00 – 14:00	Usertalk: Title tbd Shalin Mehta; University of Chicago and Marine Biological Laboratory
14:00 – 17:00	Practical Session (OAD advanced) Presentation of examples Followed by practical and interactive programming session

Day 3: Thursday, June 22, 09:00 – 16:30

09:00 – 10:30	Usertalk: Title tbd Dominic Mai and Jin Shaojun, University of Freiburg.
10:30 – 12:30	Practical testing on ZEN Blue driven microscopes (6 set-ups available)
12:30 – 13:30	Lunch break
13:30 – 16:00	Practical testing on ZEN Blue driven microscopes (6 set-ups available)
16:00 – 16:30	Feedback Session

