

MIAP Imaris Workshop

Intermediate Level

A unique chance to meet members of the European Bitplane support team to join an intense two-day workshop on image processing, analysis and visualization with Imaris, one of the world's leading microscopy image analysis software packages. This workshop is open to undergraduate and *Ph.D.* students, postdocs, staff scientists and technicians.

April 29th – 30th 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), University of Freiburg
Teacher: Matthias Ascherl (Bitplane AG)
Michael Mahlert (Bitplane AG)

Requirements: Intermediate level: We require the participants to already have basic knowledge and experience in image processing, analysis and Imaris. If you are not sure about the prerequisites, please contact the workshop organizers.

Day 1: April 29 th , 09:00 – 18:00	
09:00 – 09:15	Workshop Introduction & Welcome
09:15 – 10:15	Lecture Slot 1: Image Analysis and Imaris Core
10:15 – 10:30	COFFEE BREAK
10:30 – 11:30	Lecture Slot 2: Object Detection and Statistics
11:30 – 12:30	Hands-on Slot 1: Object Detection and Statistics
12:30 – 13:30	LUNCH BREAK
13:30 – 14:30	Lecture Slot 3: (3D) Co-Localization
14:30 – 15:30	Hands-on Slot 2: (3D) Co-Localization
15:30 – 15:45	COFFEE BREAK
15:45 – 16:45	Lecture Slot 4: Analysis of Cellular Components
16:45 – 18:00	Hands-on Slot 3: Analysis of Cellular Components

Day 2: April 30 th , 09:00 – 17:30	
09:00 – 10:00	Open Slot 1: Interactive Discussions and Q & A
10:00 – 10:15	COFFEE BREAK
10:15 – 11:15	Lecture Slot 5: Stitching and Imaris XT
11:15 – 12:15	Hands-on Slot 4: Stitching and Imaris XT
12:15 – 13:15	LUNCH BREAK
13:15 – 14:15	Lecture Slot 6: (3D) Visualization
14:15 – 15:15	Hands-on Slot 5: (3D) Visualization
15:15 – 15:30	COFFEE BREAK
15:30 – 17:30	Open Slot 2: Hands-on Sessions and Working on Own Data

- You can bring your own research data with you if you are interested in the Q&A sessions.
- You can bring your own laptop. If you do, please indicate during registration and install the latest Imaris version in advance. You can use an Imaris Test-License during the workshop. If you do not, 11 workstations will be available for you.
- For more information, please contact MIAP: <https://miap.eu> info@miap.eu

