



Workshop

# Advanced Imaging Methods

March 13-14; 9 am – 3 pm

UKE Microscopic Imaging Facility, Campus Forschung N27

This workshop will introduce students to the basic techniques and applications of bright field/epifluorescence and confocal laser scanning microscopy. More advanced imaging methods will be presented e.g. Spinning Disk, Multiphoton, Superresolution microscopy. We will offer practical sections where students will learn to acquire 2D/3D pictures as well as to carry out multi-dimensional time-lapse experiments. A special attention will be given to the post processing analysis and quantification of the acquired images.

Workshop participation is free of charge. Students are invited to come up with their own specific questions and samples at time of registration to discuss the possibilities for implementing these individual topics in the setup of the workshop.

Maximal number of participants: 6

For further information and registration please contact:

Dr. Antonio Virgilio Failla

Light microscopy facility manager

UKE Microscopic Imaging Facility

Tel.: (040) 7410 51984

Email: a.failla@uke.de

[www.uke.de/core-facilities/umif](http://www.uke.de/core-facilities/umif)