

Microscopy course

Schedule

Day I

Venue:	Carl Ludwig Institute of Physiology (CLI), Liebigstrasse 27	
Date/Time	Title	Lecturer
24 May		
09:00-10:00	Introductory lecture: “Super-resolution imaging techniques”	Prof. Kittel / Prof. Hallermann
10:30-12:00	Practical Part STED (2 x 45 min) <i>Abberior</i> STED Expert line	Dr. Kaas / Kirmann
	Practical Part STORM (2 x 45min) <i>Zeiss ELYRA P.1</i>	Dr. Ehmann

Day II

Venues:	Paul Flechsig Institute – Center of Neuropathology and Brain Research (PFI), Liebigstr. 19 & Institute of Anatomy, Liebigstr. 13	
Date/Time	Title	Lecturer
25 May		
09:00 - 10:00	Introductory lecture: “Microscopic imaging in neuroscience”	Prof. Morawski
10:30 - 12:00	Practical Part CLSM (2 x 45 min) <i>Zeiss LSM880 Airyscan</i>	Dr. Bosch Queralt
	Practical Part LSFM (2 x 45 min) <i>LaVision UltraMicroscope II</i>	Dr. Ruthig
12:00 -13:00	Break	
13:00 - 13:30	Introductory lecture: “Electron microscopy”	PD Dr. Krüger / Dr. Reinert
14:00 - 16:00	Practical Part SEM (2 x 45 min) <i>Zeiss SIGMA</i>	PD Dr. Krüger
	Practical Part TEM (2 x 45 min) <i>Zeiss EM 912 Omega</i>	Dr. Reinert

Language: English.

Max. number of participants: 10.

Note: Participants will be split in two groups for every practical part. After 45 minutes two groups will switch stations.