

The Center for Advanced Light Microscopy (CALM) is a center of excellence, located at the Biocenter and the BioSysM research buildings of the LMU Munich, with the mission to provide easy access to cutting-edge imaging devices and to support researchers during image acquisition and data analysis. The center is open to all groups at the LMU Munich, scientific collaborators and external users upon request.

This agreement is binding for all users of the CALM

§1 Contact person and responsible for all matters is Dr. Hartmann Harz, mail: harz@bio.lmu.de , phone +49 89218074176

§2 The center is open to all groups at the LMU Munich, scientific collaborators and external users upon request.

(1) New users of CALM microscopes should discuss the planned project with Dr. Harz. It will be evaluated which microscopic method best meets the project requirements and whether it is available at the CALM. If techniques are required, which are not available at the CALM Dr. Harz will establish the contact to other facilities on the campus (e.g. Core Facility Bioimaging at the BMC).

(2) If adequate methods are available, the new user and the respective group leader sign an agreement about acceptance of this guideline.

(3) The user will be trained on the microscope and receives thereafter the activation for the booking calendar (<https://www.bio.lmu.de/en/research/research-infrastructure-core-facilities/calm/for-users/>). This calendar regulates the access to the devices.

§3 A description of currently available instruments is available on the CALM web page <https://www.bio.lmu.de/en/research/research-infrastructure-core-facilities/calm/>.

§4 Responsibilities of the user and the respective group leader are described in Appendix 1. Neglecting these rules may result in temporary or permanent loss of usage privileges for the user or the respective group.

§5 The facility staff may prioritize certain projects, such as experiments for manuscripts under revision, if necessary. For heavily booked equipment, the facility staff can set limitations to bookings per week or during certain day times for users. This decision will be justified by the facility staff. If there is a dispute about the decision the user may appeal to Prof. H. Leonhardt.

§6 Usage of the hardware is subject to usage fees. These fees paid by academic users are required for running costs of the facility and do not cover costs for instrument acquisition or staff. Booking times from the booking calendar are the basis for charging. See Appendix 2 with CALM usage fees. Personal data is only collected for billing and the coordination of the microscope usage. Bookings are visible to all other users of the booking system.

Please note the possibility to apply for funding for the use of CALM devices in DFG, BMBF or EU funding applications. Please ask Dr. Harz (cf. §1) for support if required.

§7 Acknowledgement of CALM in publications. The CALM is financed by public money and will be evaluated by funding bodies. Therefore, acknowledging the CALM is important for successful evaluation and future funding of the facility. Users and their supervisors agree to acknowledge the CALM in any publication that contains data from CALM devices. Users can use the phrase "Microscopy was performed at the "Center for Advanced Light Microscopy (CALM)" and the equipment used should be mentioned in the material & method section of the respective publication. A digital copy of each publication must be made available to the facility staff for archiving. The facility may list such publications on the web site.

Appendix 2 Usage Fees

Device/Service	Description	Fees [Euro/h]
Personal DeltaVision (PDV)	Widefield fluorescence	5 €
Operetta	High content screening widefield	5 €
InViSPIM	Light sheet	5 €
Stellaris I (zoology)	Point scanning confocal	10 €
Stellaris II (botany)	Point scanning confocal	12 €
SP8	Point scanning confocal	10 €
Nikon Spinning Disk	Spinning Disk confocal	10 €
OMX	Structured illumination	20 €
Abberior STED	STED super-resolution	20 €