



**Short introduction
for prospective
EMC users**



How to become a EMC user

Contact EMC

Contact Dr. Michael Laumann via michael.laumann@uni.kn

Consult on your project to indentify the correct microscopy technique / instrument and discuss issues of sample preparation and imaging

Sign and return the requested forms handed to you

Instrument / Lab training

Receive a training specific to your project by EMC personnel

Perform your first session / sample preparation under supervision of EMC personnel

Techniques / Instruments in the Facility

Techniques in the Lab

We offer different sample preparation techniques for SEM (EDX and FIB) and TEM, including devices for the different techniques

Instruments in the Facility

- Basic Scanning Electron Microscope **Zeiss EVO** (10/20 € / h)
- Crossbeam FE Scanning Electron Microscope **Zeiss Auriga** (20/40 € / h)
 - EDX (20/40 € / h)
 - FIB (40/80 € / h)
- Transmission Electron Microscope **Zeiss Omega 912** (20/40 € / h)

Techniques / Instruments in the Facility

Booking rules (excerpt)

- A user can book a microscope only after having received the appropriate introduction and with an activated booking account
- The microscopes can be booked up to two weeks in advance
- Booking for colleagues is not allowed

Working in the Lab

- A user can book Lab space and devices only after having received the appropriate sample preparation training and the instructions on health and safety

The full booking rules are mandatory for all EMC users and can be downloaded from this website