

Submission of the SEM-EDX samples:

Auf der Morgenstelle 18, A building, 5th floor, 5G04

White sample drop-off box, to the right of the SEM door

Open the flap at the top.



Postbox SEM.

Procedure

Contactless procedure during the corona pandemic

Please plan your measurements ahead of time as waiting times may occur.

• To begin a measurement request

Please fill out the measurement application form

• Check sample requirements

Is the sample size suitable for the different standard sample holders?

Is the sample semiconducting or conductive? Non-conductive samples are also possible with suitable preparation.

Is the sample magnetic or paramagnetic (especially with powder samples, please test with a magnet? Magnetic samples may damage the microscope and incur large repair costs!

Is the sample harmful, highly flammable etc. (please state special handling)?

Is the sample sensitive to oxygen? Unfortunately, it is unavoidable that the sample briefly comes into contact with air during the transfer.

Are the accessories for the preparation already available in the working group? Ask the supervisor / predecessor.

Basic accessories can be made available for first-time applicants for SEM measurements through a "Starter Kit"

From then on, each applicant must arrange the necessary accessory supply (sample holder, Ag glue, etc.)

in his/her working group.

The accessories are available in these working groups: AG Prof. Scheele, Meixner, Chassé, Weimar, Anwander, Schnepf, Maier, Meyer ...

- **Appointment**

eMail request (with completed measurement time application) to: elke.nadler@uni-tuebingen.de

or deposit it as print-out into the sample drop-off box

- **a proposed date will be sent to you by email.**

- **Please send an informal confirmation of the appointment by email to elke.nadler@uni-tuebingen.de as soon as you have received the appointment proposal.**

- **If necessary, receive the “Starter Kit” in the sample delivery box.**

- **Prepare samples (you)**

- Need help? (eMail) or read instructions. Please only touch the Hitachi sample holder with gloves (to avoid contamination in the main chamber).

- **The samples must be in the sample delivery box by 8 a.m. on the day of the agreed date.** It is also possible to hand over the samples beforehand, the sample handover box is freely accessible at any time. Please protect samples from dust and drop them off labeled with name, date, sample name

- **The REM-EDX measurement time is carried out for you (please give phone number for any inquiries)**

- **The results will be mailed to you as zip files via gigamove Aachen. (Password required)?** This zip file is available for download there for a maximum of 2 weeks.

- **A discussion of the results can be arranged by email or phone.**

- **After the measurement time, the samples are returned to the sample transfer box.**

- **Please collect the processed samples from the sample transfer box promptly and clean the sample holder.** (If the sample holder was not yours, please return it cleaned). Please ensure proper disposal or storage of your sample. (Remove Ag glue with acetone and ethanol using ultrasound, C-Tape with gasoline)

Please only send inquiries and inquiries by email. Thank you.