

Use of Synapt XS instrument in Conformation-Sensitive Mass Spectrometry laboratory

§1 Access

The following groups of users of the instrumentation must be distinguished:

- i) Members of the Conformation-Sensitive Mass Spectrometry laboratory
- ii) Collaborators within the Chemistry and Biology departments of TU Darmstadt
- iii) Other users

Experiments are only to be carried out by trained individuals, which in principle belong to group (i). Booking will be managed through an online calendar, access to which is available to these trained individuals. Users in groups (ii) and (iii) can gain access through collaboration with group (i) users, but scientific projects of users from group (i) and (ii) will have priority access. In principle, among trained individuals, a first-come, first-served principle applies, although unreasonable or 'just-in-case' booking, e.g. booking time multiple weeks in advance, or booking several consecutive days without justification, is strongly discouraged, as is last-minute cancellation. For new group (ii) and (iii) users or projects, an initial discussion with the Lermyte lab is required to assess project viability. To ensure the safe operation of the laboratory, it is vital that any hazards posed by samples is described at this early stage.

§2 Logging

A daily instrument log is to be maintained by group (i) users, keeping track of key instrument parameters, as well as the usage of the instrument. The operator, sample(s), and method(s) are to be described, and if applicable, the other user(s) involved in the work.

§3 Data Storage and Analysis

Best efforts will be made to retain a copy of data unless deletion is requested, but the Lermyte group bears no responsibility toward group (ii) or group (iii) users for any data loss, and reserves the right to delete data without warning to free up hard disk space if needed. Users are encouraged to take at least one copy of the data at the end of their measurement time. We encourage users to deposit data in permanent, public repositories such as the Proteomics Identification Database, and to follow FAIR principles for data management. For some types of data analysis, proprietary software is required, and therefore these analyses must be carried out locally by trained individuals. Training and access can be arranged if needed.

§4 Equipment

Information about the equipment can be found on our webpages, at <https://www.chemie.tu-darmstadt.de/lermyte>.

§5 Charges

In principle, access to the instrumentation is limited to group (i) users and scientific collaborators, and no usage fees per hour are charged, but direct costs (e.g., consumables and solvents) will be charged. In the rare case that demand for measurement time for research projects driven by group (i) users and their collaborators is temporarily low, access on a for-charge basis will be possible, and subject to hourly usage fees. All users are responsible for any damage to the equipment.

§6 Acknowledgement in publications

Any outputs should acknowledge relevant instrument funding by the DFG and HMWK.