

Minutes PSF MX User Meeting on ZOOM 2026-09-10

Time: 4 pm Thursday 10 September 2026

Zoom: <https://ki-se.zoom.us/j/2552303941>

Participants: Martin Moche, Tarvi Teder

§1 DECISION: Next PSF MX User Meeting

16:00 on Thursday 8 October 2026.

§2 INFORMATION: Experimentalist assignment procedures for BioMAX

To avoid BAG member friction, below is a reminder on how we assign experimentalists.

- The goal of "**§3 DECISION: Assign experimentalists**" below is to allocate experimentalists.
- Meeting participants are responsible for sharing the available beamtime, and determining who will start, share dewar shipping etc.
- Individuals absent from the meeting may receive beamtime as a courtesy from the assigned experimentalists in b) who reserve the right to refuse others from joining.

§3 DECISION: Assign experimentalists

Light source	Beamline	Date	Duration	Start	Experimentalists
MAX IV	BioMAX	2026-09-18	8 hours	08:00	MM 3 pucks

Table 1. See also <http://ki.se/en/mbb/psf-mx>. Please share sample information (UniprotID, heavy atoms, expression host) and approximate number of crystals asap after meeting.

§4 INFORMATION – MAX IV

I got responses from most MAX IV BAG PIs to submit the Final MAXIV BAG report this week. Moreover, PSF are now, for the first time, trying to claim MAX IV shipping costs as instructed [Reimbursement pilot program for users with Swedish affiliation – MAX IV](#)

§5 PSF MX are ramping up prices

PSF-MX are enforced to increase prices by around 5-15 % for all services from 1st of October 2026. The majority of PSF MX services have had a constant price tag since 2017.

§6 INFORMATION – PreSTO from Tetralith towards Arrhenius

Data transfer for pilot project from Tetralith to Arrhenius will start 14 September and be done by NSC staff. Tetralith users are recommended to review and delete data that is no longer in active. The pilot project has now been transferred to Arrhenius as NAISS 2026/3-674 and we aim to have PreSTO installed at Arrhenius-CPU from mid-September 2026.

Having PreSTO running on the larger GPU partitions of interest to CryoEM community will follow, however the unique [Arrhenius architecture](#) make some familiar software's not immediately runnable at the GPU partitions. Structura has compiled CryoSPARC for architectures like Arrhenius and we hope to install and test it asap.

For MX we also have the MAX IV cluster and for Cryo-EM there is also LUNARC Cosmos. The NMR community has only taken small steps towards PreSTO, and a few NMR software's are available at Cosmos, and upcoming Arrhenius-CPU. Arrhenius PCD (Persistent Compute and Data) will enable virtual machines, familiar to NMR community via NMRbox. We have asked the NMRbox developers for a container (apptainer) for use at Arrhenius PCD partition.

§7 INFO: PSF in iLab - https://karolinska.corefacilities.org/service_center/show_external/3663

- ✓ Please register your research group, students, postdocs, and project numbers in iLab.
- ✓ Visit <https://staff.ki.se/research-support/research-data-management/ilab> for guidance.
- ✓ Ask cfm-support@ki.se for help.