

# Protocol PSF MX User Meeting on ZOOM 2023-06-01

*Time and Place: 4 pm Thursday 1<sup>st</sup> of June 2023 <https://ki.se.zoom.us/j/2552303941>*

*Participants: Martin Moche, Dean Derbyshire, Robert Schnell, Oliver Arnolds, Benedetta Maria-Sala*

## §1 INFO: Next PSF MX User Meeting

Will happen in late August or early September after summer vacation 2023.

## §2 INFO: MAX IV and Diamond BAG updates

Diamond maintains [MX responsive beamtime](#) mode and has updated their [Dewar shipping instructions](#) online. Our BAG members can therefore send samples anytime to Diamond Light Source either for remote sessions or for [unattended data collection](#).

BioMAX has a [new features page](#) to communicate recent beamline updates to its user community. For instance, grid scanning centering options were updated early 2023.

## §4 DECISION: Assign experimentalists

Light source	Beamline	Date	Duration	Start	Experimentalists
MAX IV	BioMAX	2023-06-09	24	09:00	MM/OA/RS/BMS/DD

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.

The express shipping charge (around 6500 kr) will be split between KI research groups. KI starts data collection, Martin, Oliver, Robert, Herwig, Benedetta, LiU-Dean. SCGN. Martin will send sample templates to Benedetta and Dean. Estimated number of pucks and crystals from KI are:

- Robert, 8 crystals
- Herwig, max 1 puck
- Oliver, 1+ puck
- Benedetta, 4 pucks

## §5 INFO: PSF MX updates

Mosquito service from SPT Labtech is finally done and the “computer-like cooling fan” and one of the two humidity sensor units have been exchanged. Since we now are used to keeping the instrument and computer OFF, I suggest we continue to do – ok?

That means every user must turn Mosquito robot and computer ON, start the software, select the correct protocol, perform experiments, and afterwards close the software and turn the Mosquito robot and computer OFF after use.

## §6 INFO: PSF in iLab - [https://karolinska.corefacilities.org/service\\_center/show\\_external/3663](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/the-cfm-project-and-ilab> for guidance.
- ✓ Ask [cfm-support@ki.se](mailto:cfm-support@ki.se) for help.

Almost all PSF users are now enrolled!