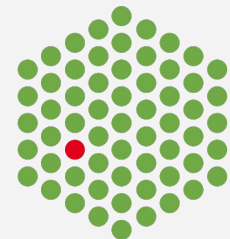


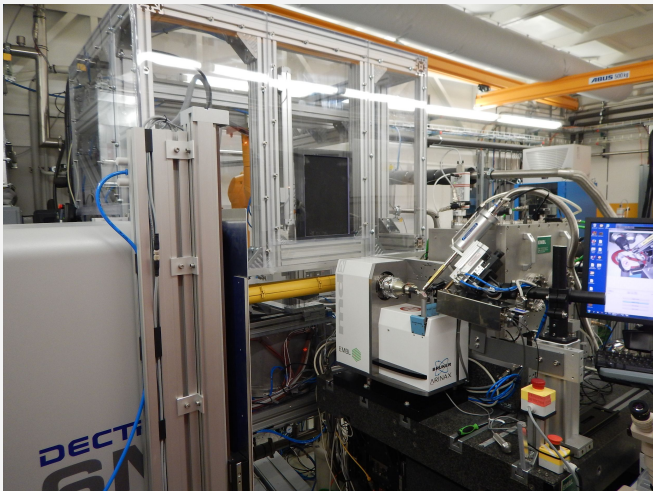
MXCuBE status report

Ivars Karpičs (EMBL Hamburg)

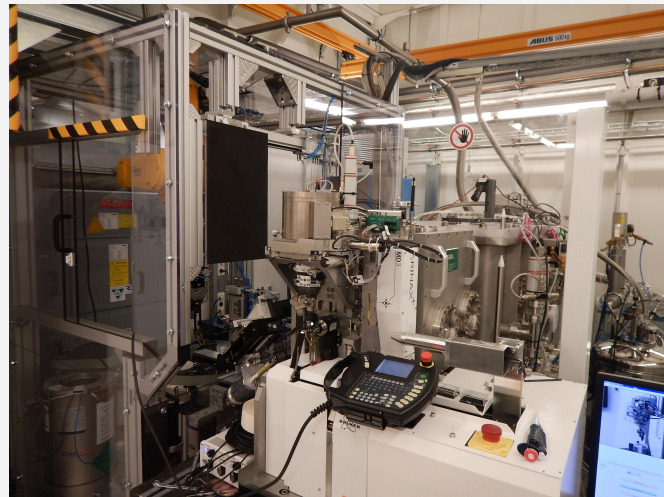
EMBL



MX beamlines P13, P14

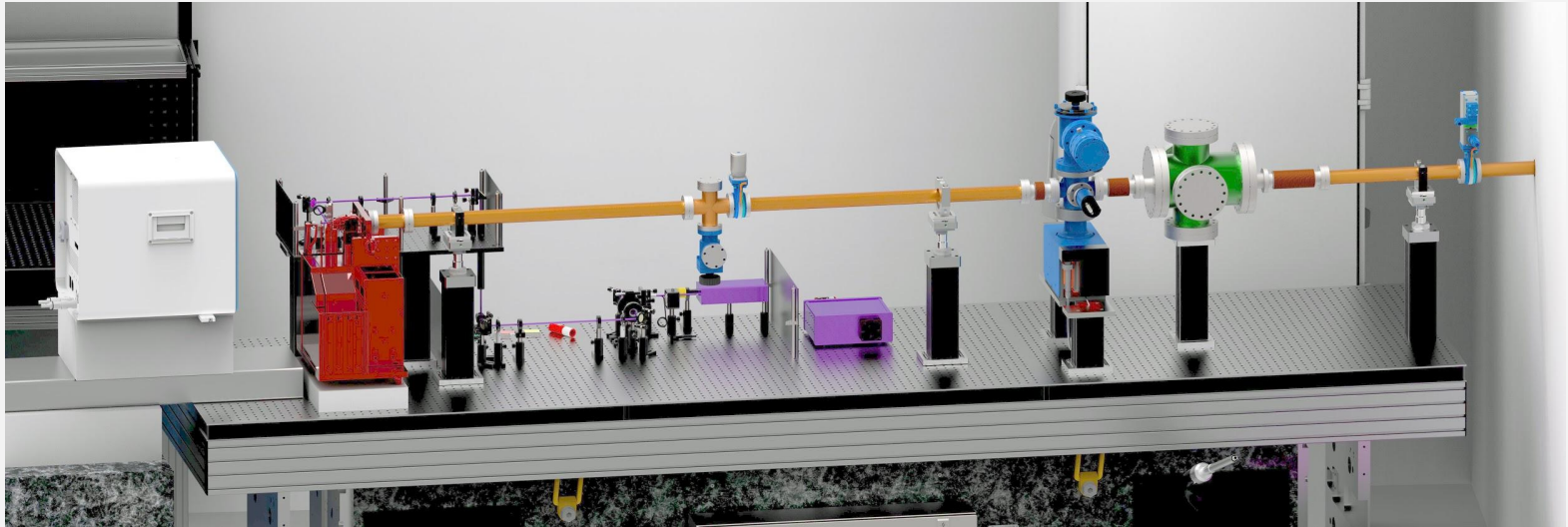


- Variable beam size and high flux
- Tunable energy between 4.5 and 17.5 KeV
- MD2 diffractometer and Pilatus6MF
- EMBL Marvin sample changer with 16 pucks



- Micro-beam conditions with 5 x 5 micron beam
- On the fly changeable focusing of the beam
- Tunable energy and CRLs (ESRF/CINEL)
- MD3 diffractometer and Eiger16M
- EMBL Marvin sample changer with 16 pucks
- Plate scanning possibilities

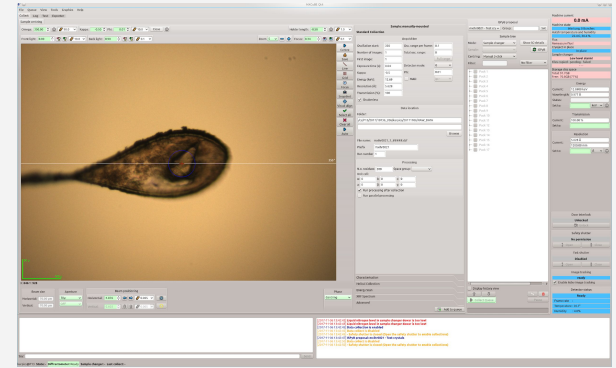
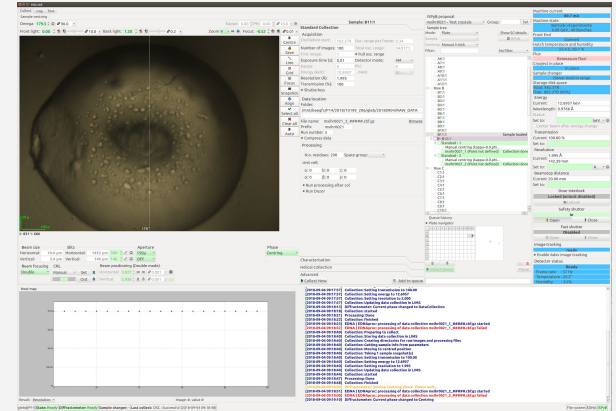
P14eh2 for Time Resolved SSX



- In collaboration with Prof. Arwen Pearson (University of Hamburg).
- Arinax beam shaping unit (MD without a goniostat), CRLs, Eiger4M or Pilatus2M.
- MXCuBE as the experimental control GUI.
- Open for users.

MXCuBE status

- Running Qt version from the master branch, including all changes done during the last developers meeting.
- HardwareRepository is also up to date.
- New processing cluster with 1144 cores in installation process. All processing jobs will be launched via SLURM.
- More intuitive GUIs for SSX.
- Collaborations guidelines (how the git pull requests are prepared and accepted) needs to be defined and followed.



Thank you for your attention!

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- EMBL Grenoble: J. Sinoir, and others.
- MXCuBE community.