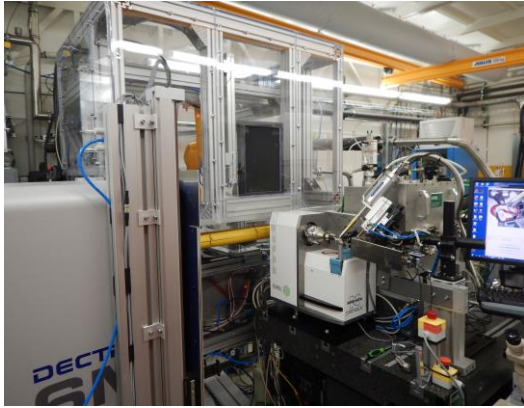# MXCuBE status

Ivars Karpičs

EMBL

MXCuBE at EMBL Hamburg

P13

- Variable beam size and high flux
- Tunable energy between 4.5 and 17.5 KeV
- MD2 diffractometer and Pilatus6MF, Eiger16M
- EMBL Marvin sample changer with 16 pucks

P14 and P14eh2 aka TREXX

- 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

- Arinax beam shaping unit (MD without a goniostat), CRLs, Eiger4M

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Status

- Running frozen version of mxcube qt (with HardwareRepository) via teamviewer.
- Moved from python 2 to 3 and PyQt from 4 to 5.
- Latest mxcube with mxcubecore is in active testing and soon will be available for users.
- More about development regarding the pyispyb and ssx during the ispyb meeting.

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Thank you for your attention!

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