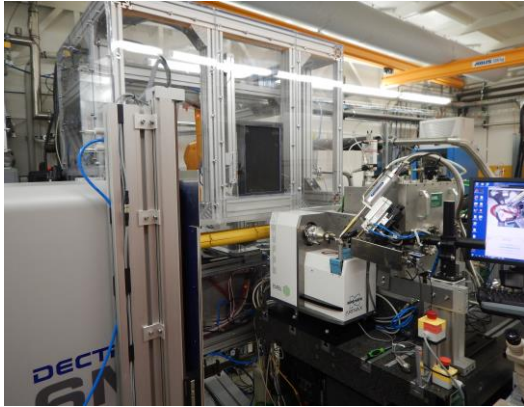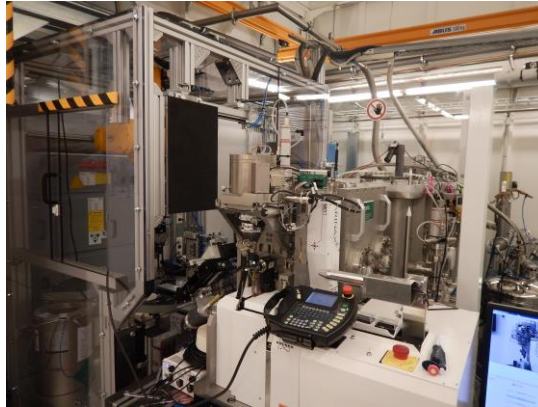# MXCuBE status

Ivars Karpičs

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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

- Moving from python 2 to python 3 and PyQt4 to PyQt5.
- Testing TINE python 3 library.
- New project structure (mxcubecore, mxcubeqt and mxcube3) in place.
- Deployment after summer shutdown.

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Thank you for your attention!

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