Status report: EMBL Hamburg

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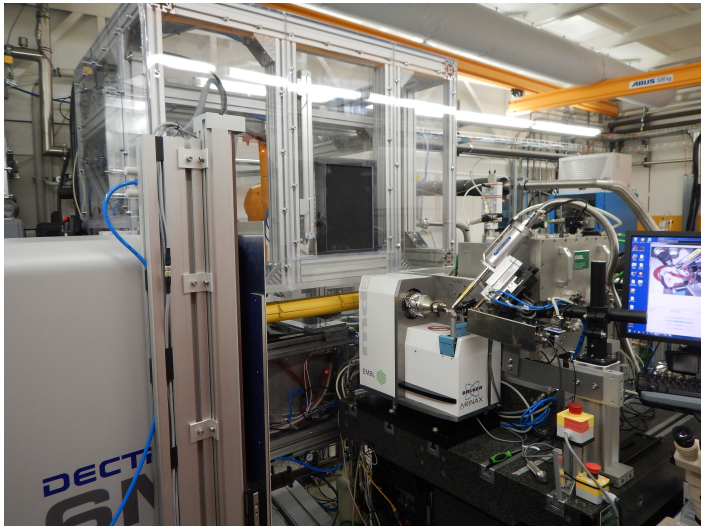
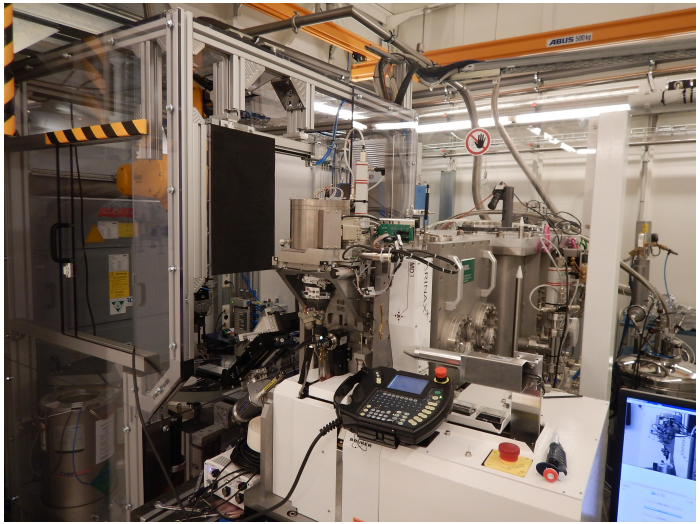
EMBL

MX beamlines P13 and 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

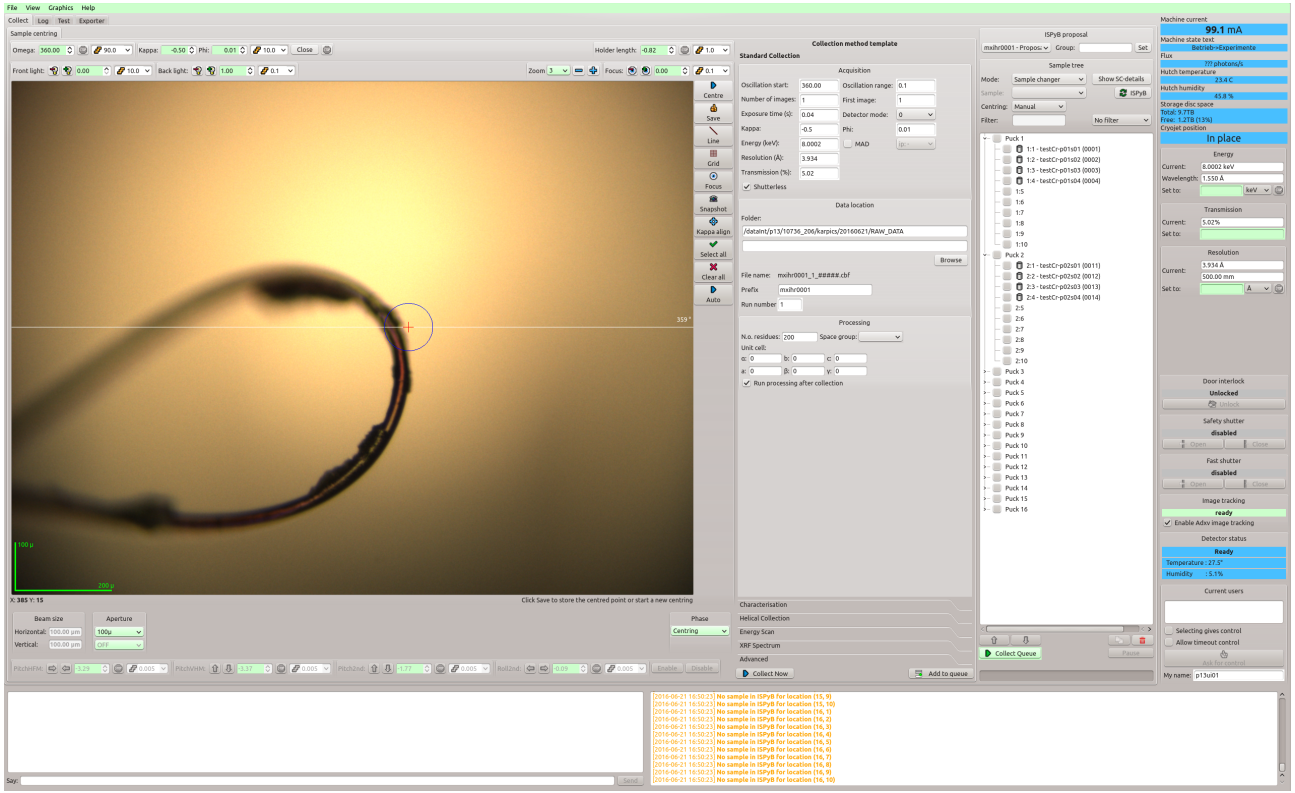


- Micro-beam conditions with 5 x 5 micron beam
- On the fly changeable focusing of the beam
- Tunable energy and CRLs (ESRF/CINEL)
- MD3 diffractometer and Pilatus6MF
- EMBL Marvin sample changer with 16 pucks
- Plate scanning possibilities

After the last meeting

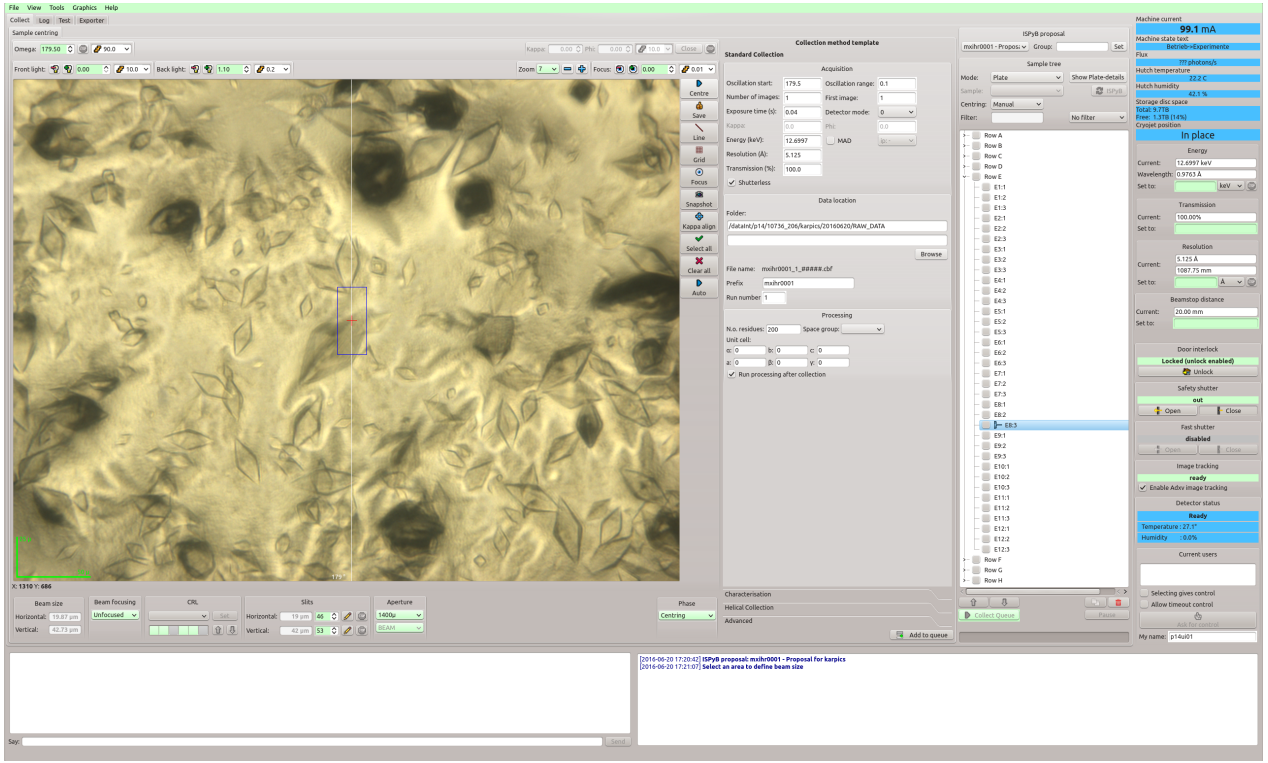
- Few months shutdown at the beginning of the year.
- Visiting SOLEIL in March.
- No Qt3 support after the last meeting (December 2015).
- GUI development and maintenance on Qt4 version.
- Qt4 version in full operation (internal and external users) since March 2016.
- Working mainly on master branch. Master branch deployed at beamlines.
- Sync of master and 2.1, 2.2 is pending. A task for developers during the workshop?

Current status at P13



Main working area:
- General debugging
- Feature development
- Improving SC stability
- Sample changer statistics
- Working with auto-centering (commit to lucid2 to be able to use numpy array as argument)
- Improved logging
- Collect now button

Current status at P14



Main working area:
- CRL user friendly control
- Intensity measurement procedure
- Procedure to align beam
- Plate manipulator
- Graphical tool to define beam size with slits
- Link ISPyB sample with manually mounted sample

More info about Qt4 and HardwareObjects in the next presentations...

Thank you for you attention!