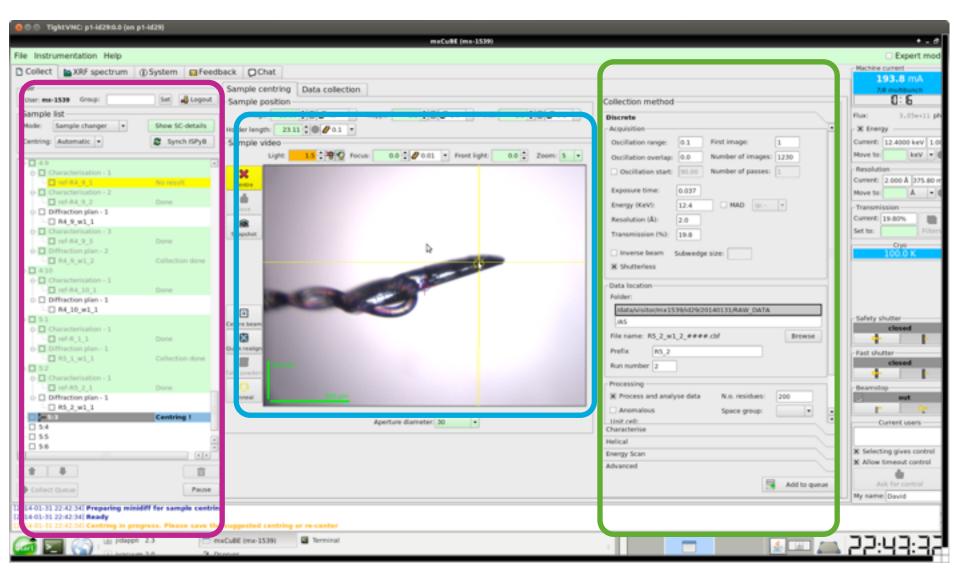




WHERE WE ARE



SC - Queue

Sample - Position

Tasks - Data Collection



MXCUBE2

- MXCuBE2 has introduced some major features:
 - Abstraction of component and data collections
 - Saved positions
 - Data collection methods
 - xmIRPC "programmable" queue
 - Used by Workflows and other experiment descriptors
 - A better usage of mesh

•

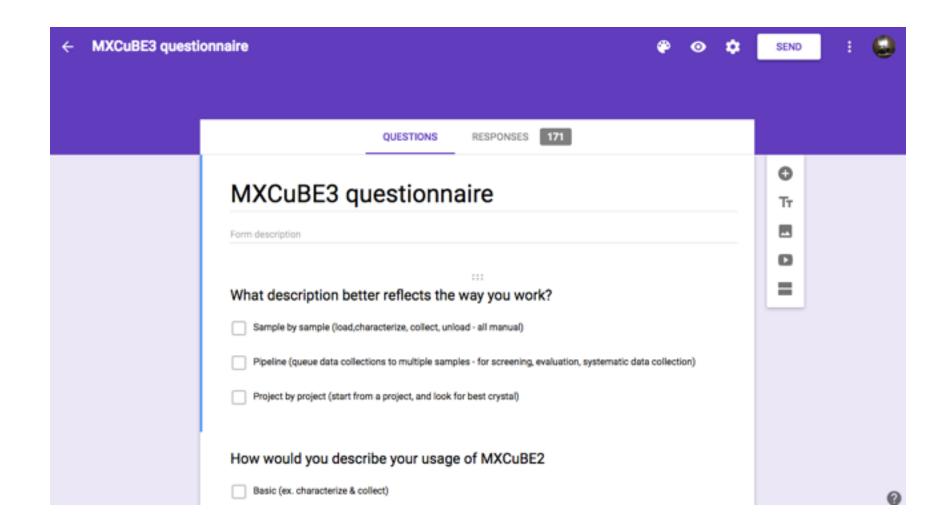
And became the basis of a European collaboration







MXCUBE3 SURVEY







- Spine/Unipuck compatible
- 12 spine pucks + 11 unipucks + 1 bin
- · 296 Samples
- 864 MiniSpine samples
- Future sample supports
 - Different support with SBS footprint
 - fluidic chips
 -



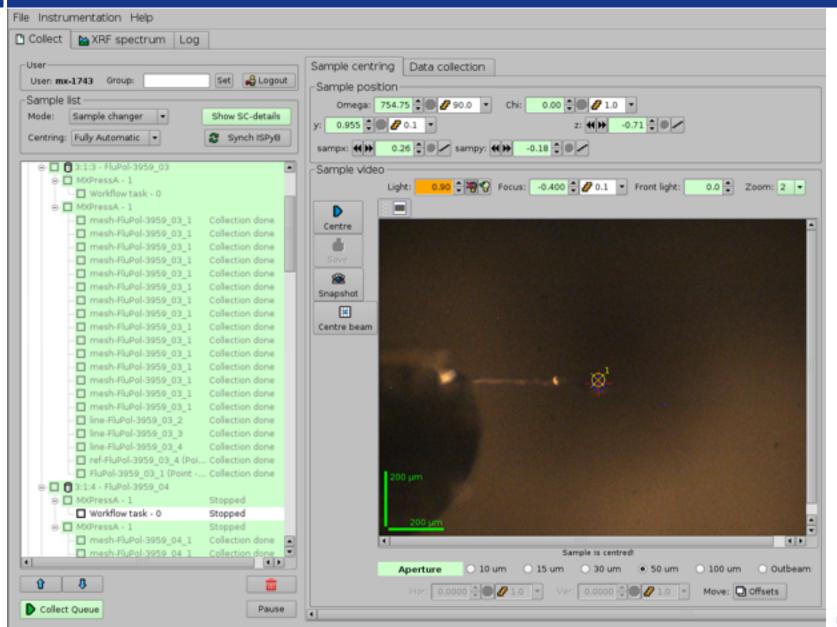






I MX3 - BAG meeting I 6th February I DdS

QUEUE NOT SUITABLE



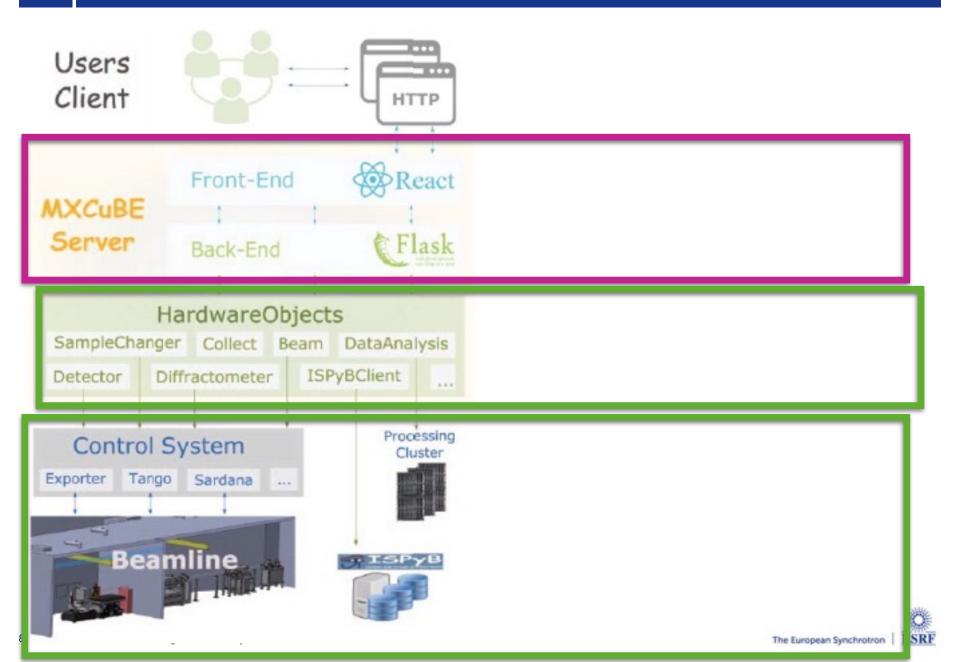


WHY WEB?

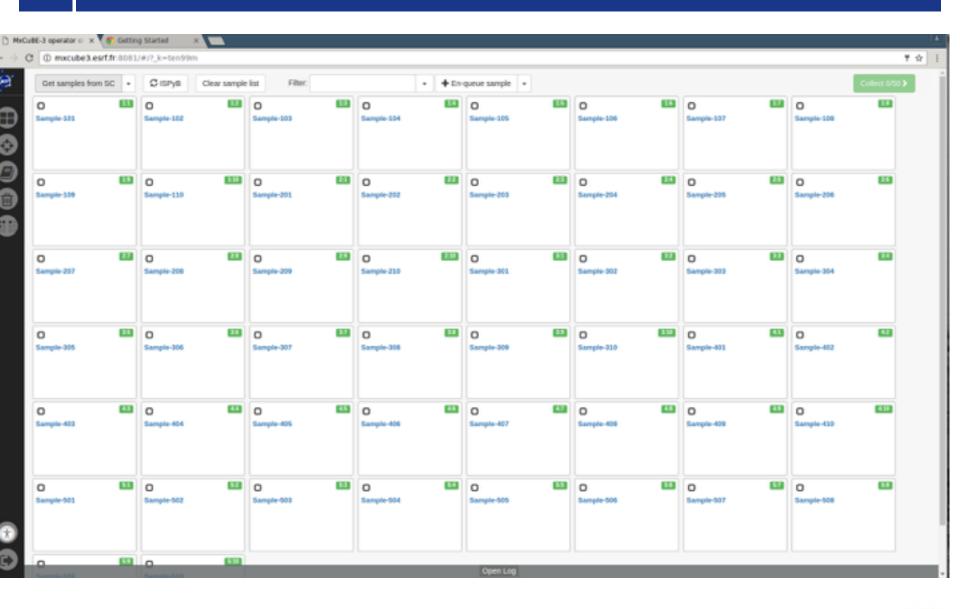
- Moving to MXCuBE to web has the main advantage of a closer layout integration (sample information, Diffraction plan, mesh results, autoprocessing results)
- Remote by design
- Modern technology
- No need of extra software installation
- Take advantage of web development
- Fast to modify and maintain
- Smooth integration with ISPyB, sharing components



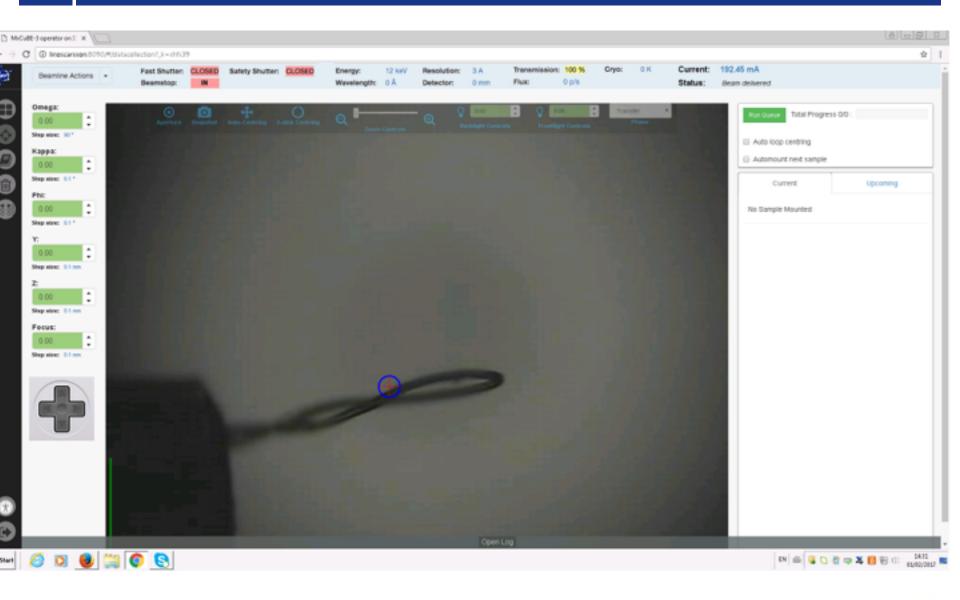
HARDWARE ABSTRACTION LAYER UNCHANGED



SAMPLES VIEW

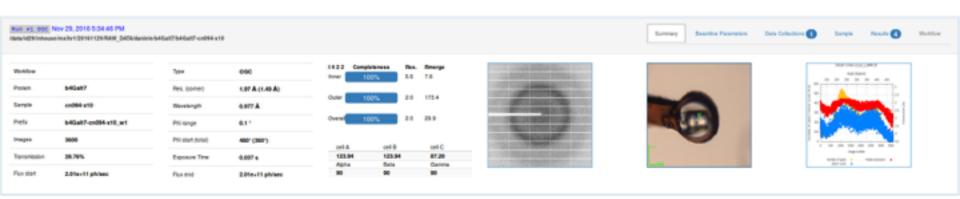


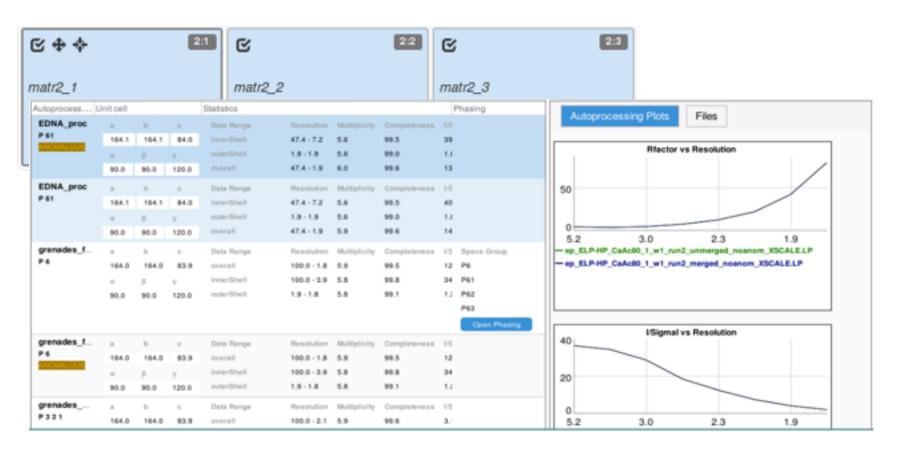
DATA COLLECTION VIEW



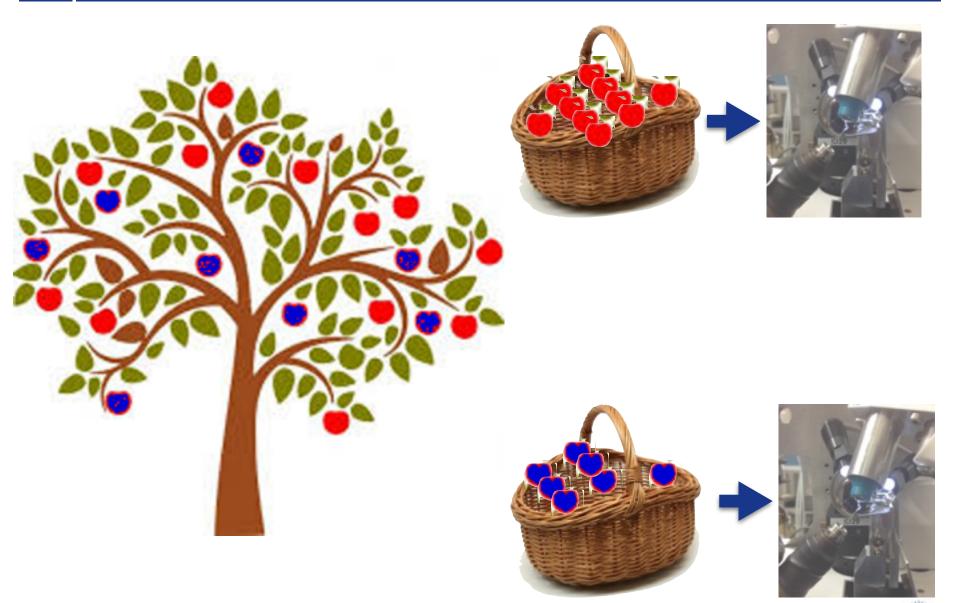
SAMPLE DETAILS



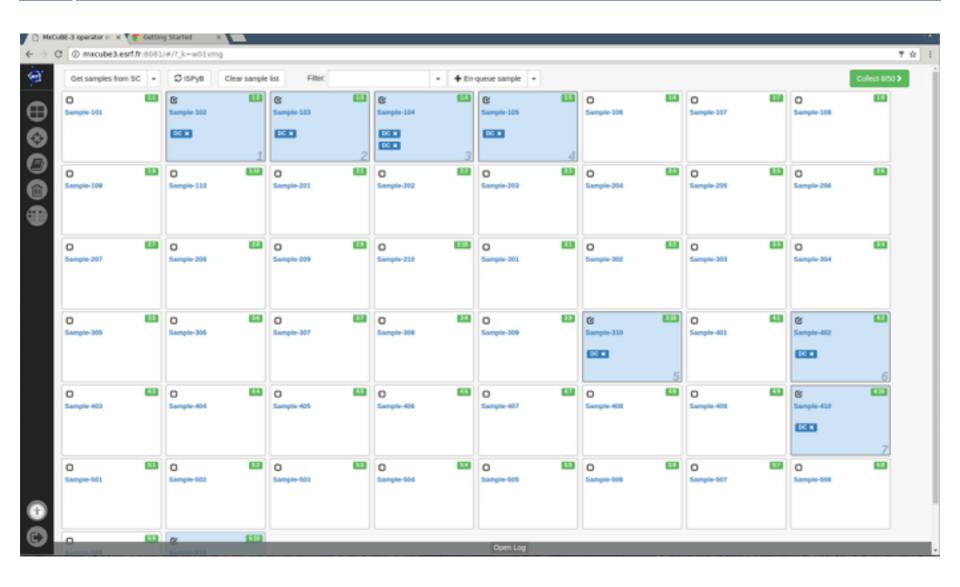




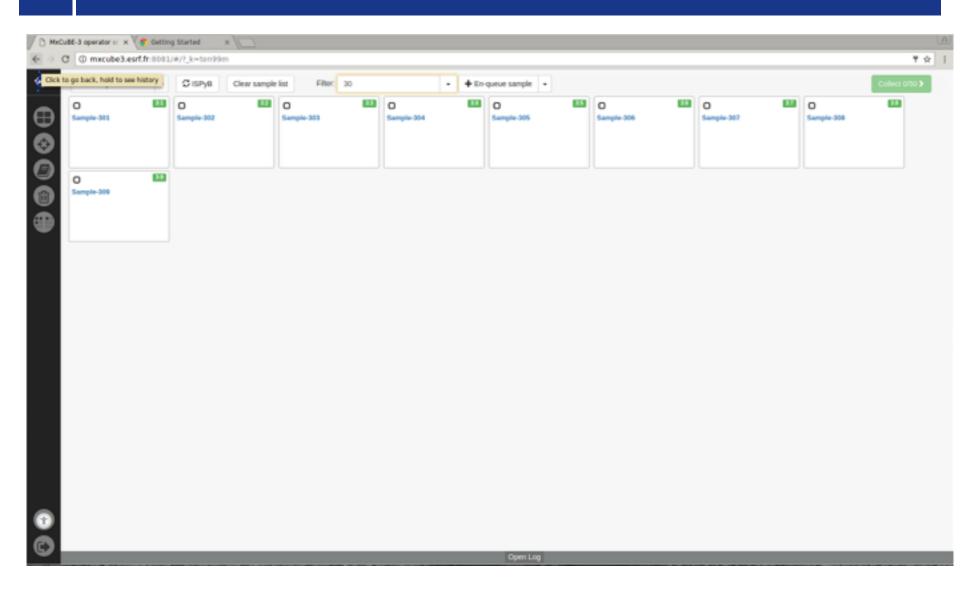
SELECT SAMPLES FOR DATA COLLECTION



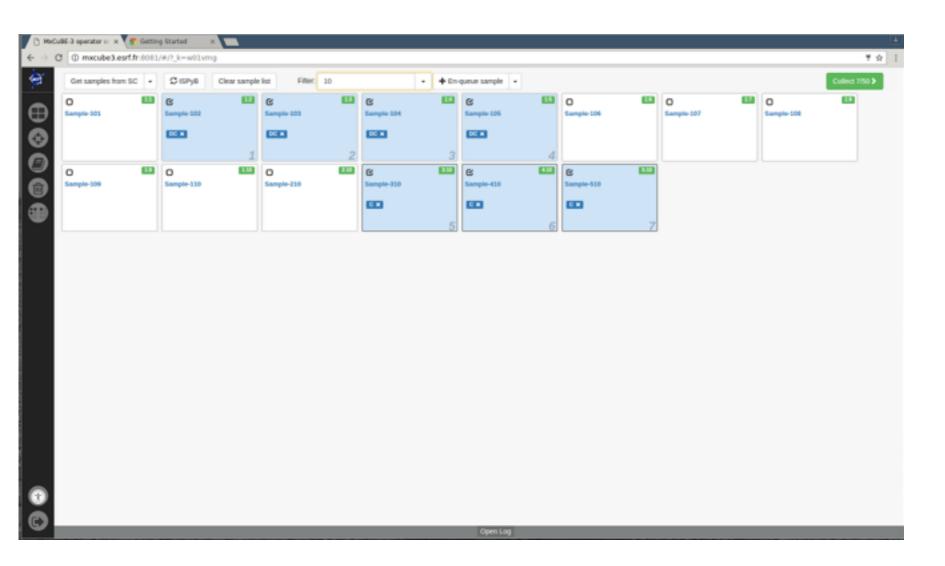
SELECTED SAMPLES



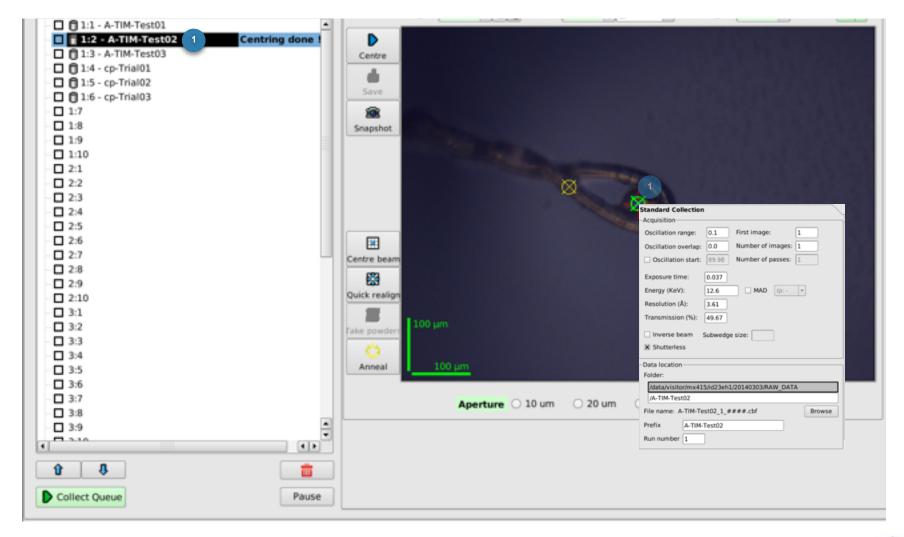
SMART SORTING/FILTERING



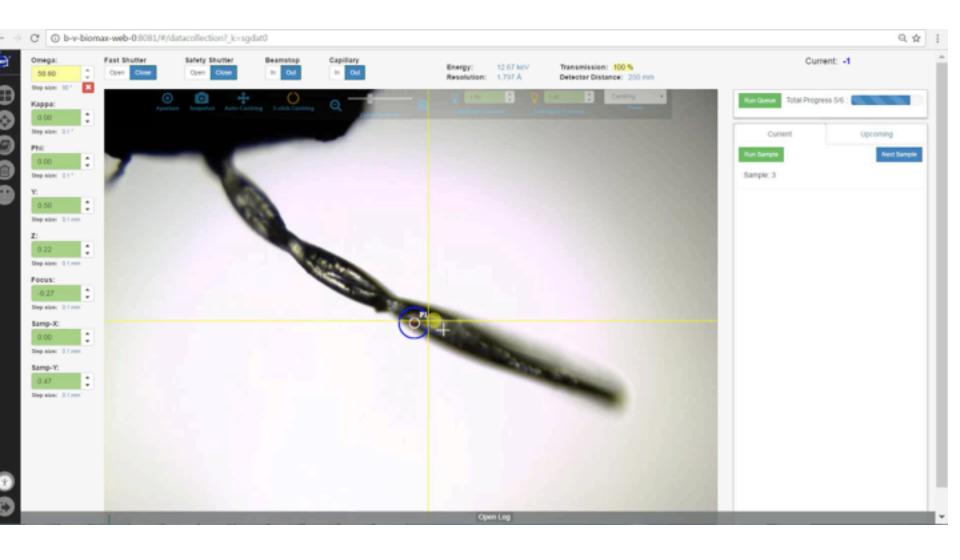


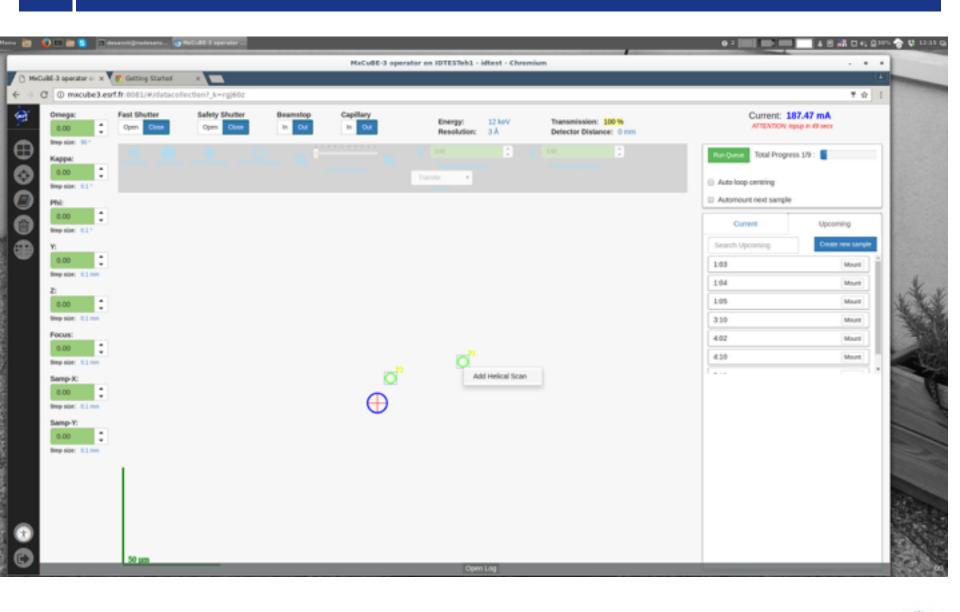


THE IDEA



DEMO







- Marcus Oscarsson
- Matias Guijarro
- Antonia Beteva



- Mikel Eguiraun
- Jie Nan
- Fredrik Bolmsten
- Marjolein Thunnisen
- Antonio Milan Otero