# **DESY Status Report**

**MXCuBE** development at P11

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## Hello (World)!

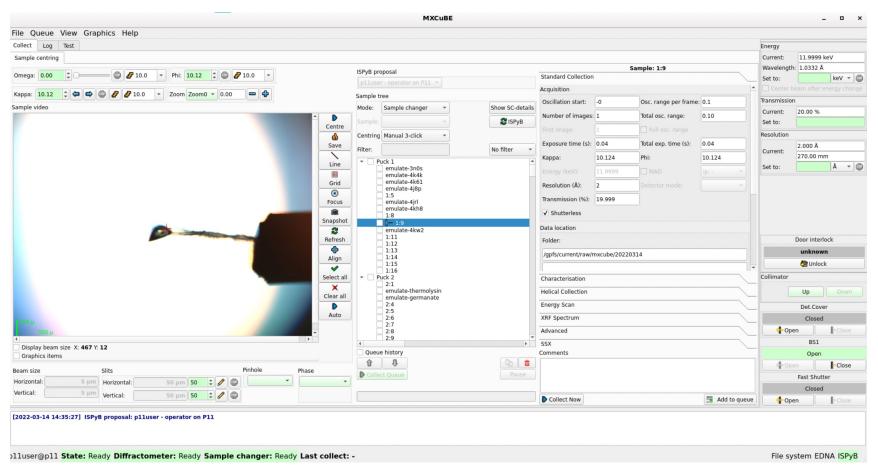
#### **About myself:**

- Started at P11 since May 2022.
- PhD in physics/material science with a background in beamline user support and software development
- Last 5 years has been a postdoc/beamline scientist at SAXS beamline P12 EMBL Hamburg
- Looking forward to become a valuable part of the community.

### P11 beamline

Energy range: 5.5 - 28 keV Beam size: from 9\*4 to 200\*200 um<sup>2</sup> (h\*v) Sample changer with a capacity of 368 samples Detector: Eiger2 16M, XRF Undulator **BPM** Slits Mono **BPM** om 37m 25m Slits Mirrorsystem Intermediate focus Optics hutch 40m (virtual source) focusing Transfer tube 65,5m KB-System 72,8m Goniometer Experimental hutch 73m

### **MXCuBE** at P11



- MXCuBE installation (started 2020) completed for main parts during winter shutdown 2021
- Implementation carried out by external expert Bixente Rey
- Continuation to work with MXCuBE implementation at P11

# **Acknowledgments**

#### P11 team:

Johanna Hakanpää

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#### DESY colleagues:

- Photon Science Experiment Controls (FS-EC): André Rothkirch, Thorsten Kracht
- FS-PETRA-D: Oliver Seeck

EMBL, our friendly neighbours and brothers in arms in MX

P11 User community