

Elettra Status update: MXCuBE3

At Elettra

Mostly on hold until we can focus on the newer mxcube core

XRD1 sent their diffractometer to be refurbished and received it back several months after the due date.

XRD2 accommodate some of their users

XRD2 presented by Annie Héroux
For Roberto Borghes

New at the beamline

Double gripper

we need a better way to address the alarms

Bzoom camera

we have random unresponsive “clicktocenter”
But only for remote users ; the colors are not
quite under control but no “open loop” problems

Q

We have to clear the q, problems with first
sample mounted, how to queue a raster?

Mxcubecore : **starts next
week!**

Elettra is extending its
shutdown:

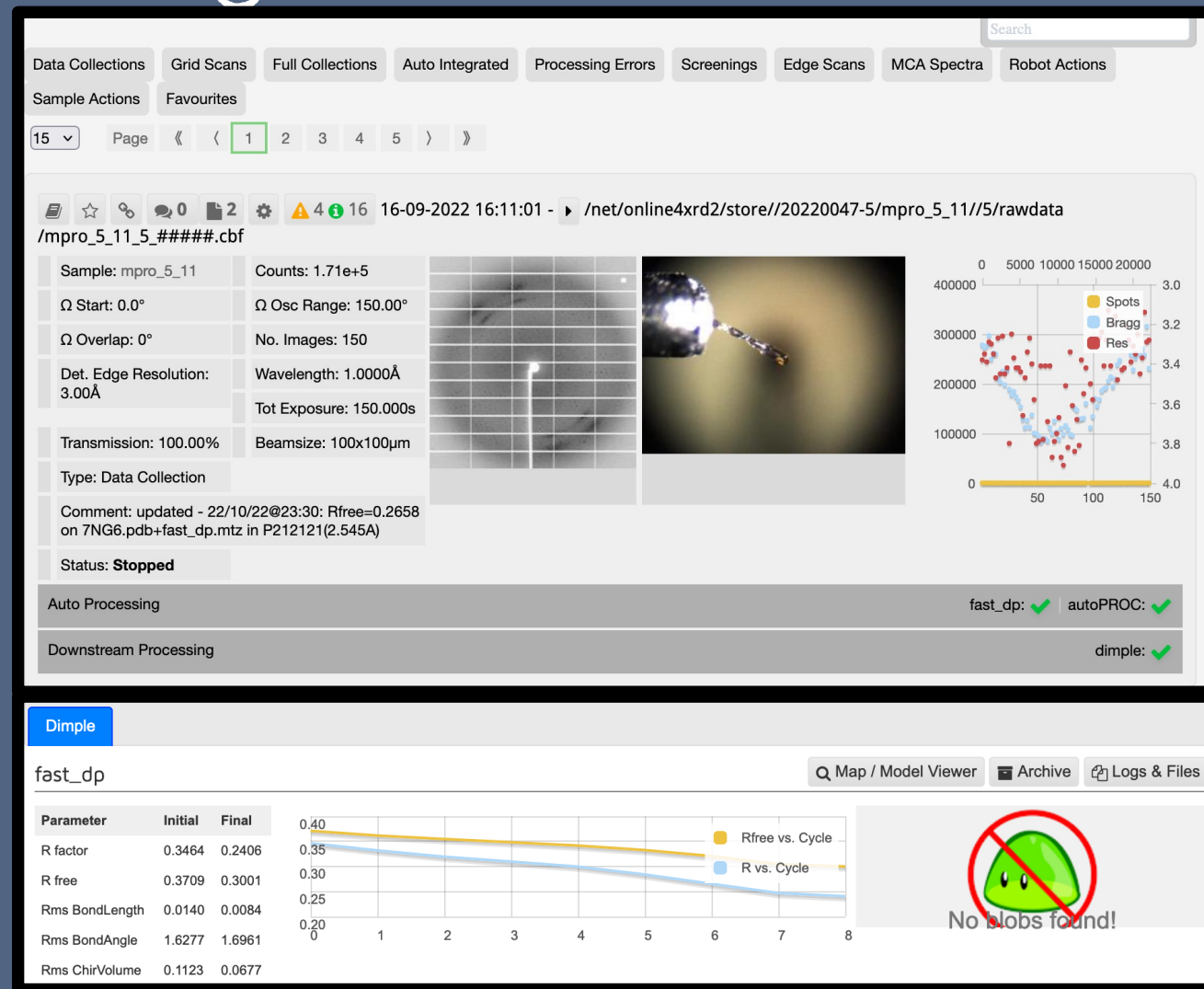
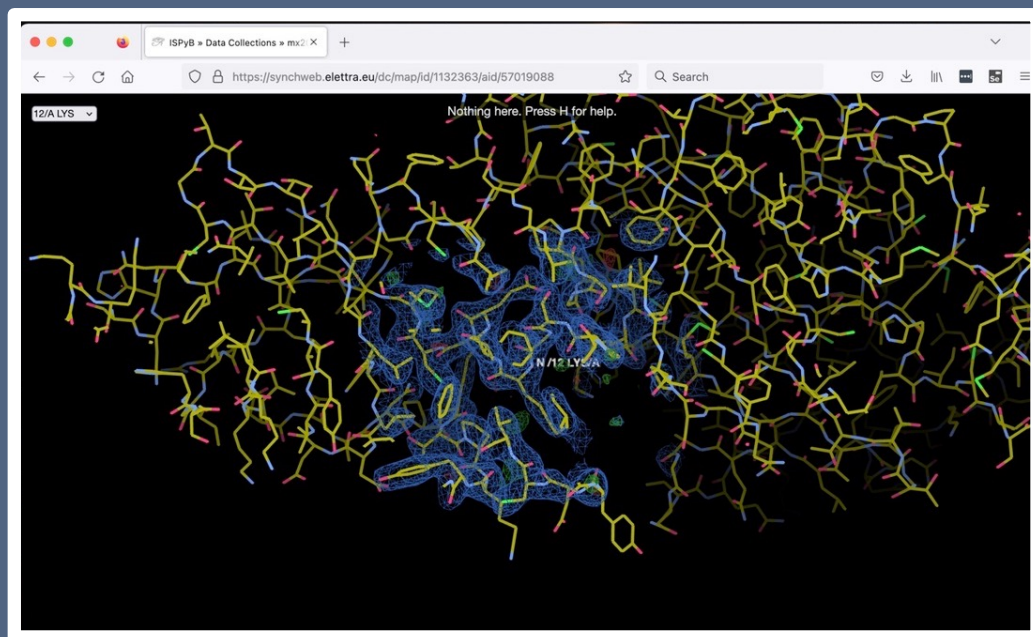
Next light

- May-Jun
- Sept-Oct

Braggy **next week!**

New features in SynchWeb

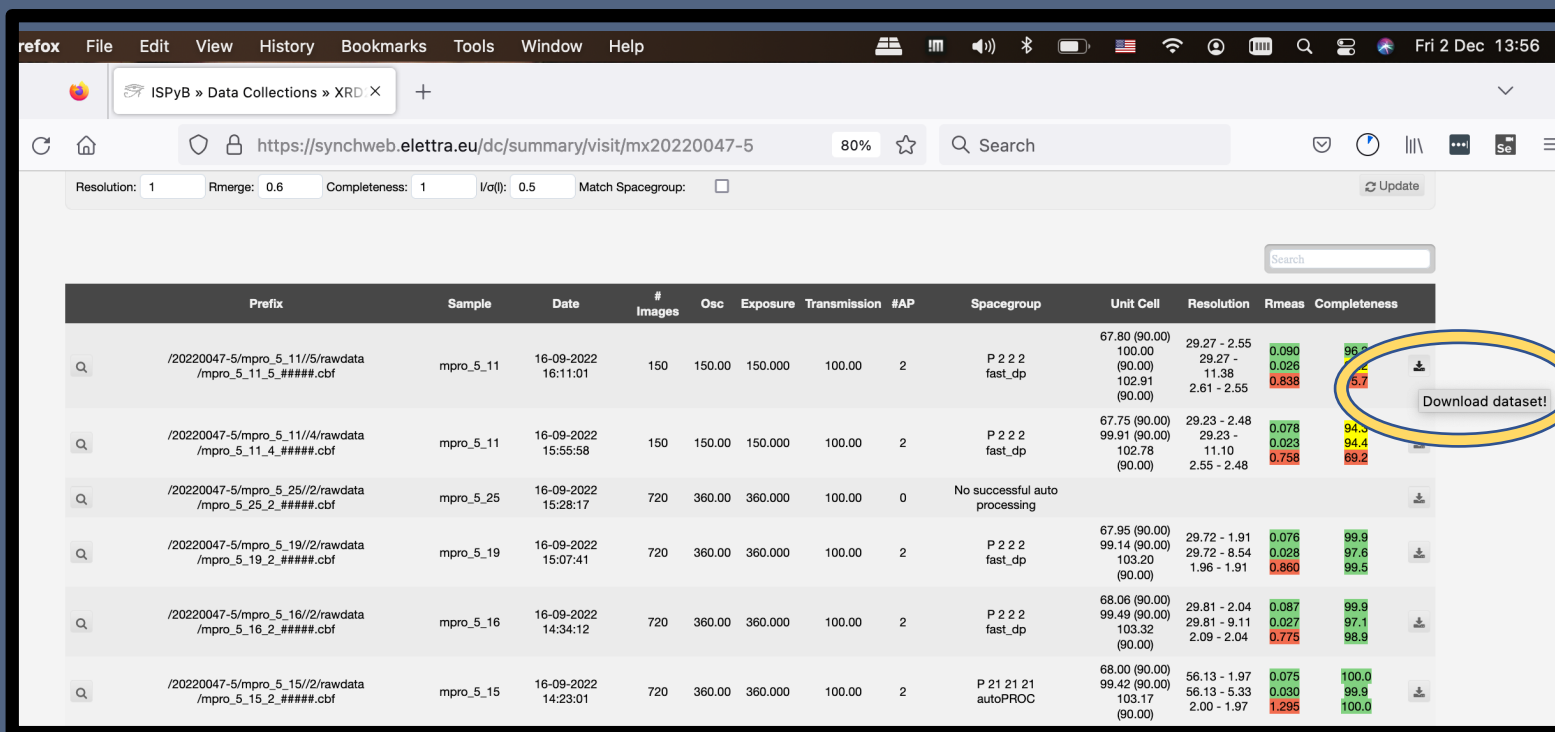
Automatic DIMPLe if there is
a successful fast_dp / autoproc
and a PDB code



New features in SynchWeb

Download of the rawdata and the process (work) directories from SUMMARY

Hack “Downloads” in the summary page, friendlier than VUO



The screenshot shows the SynchWeb interface in a browser. The table below lists data collections. The first row is highlighted, and the 'Download dataset!' button is circled in yellow.

Prefix	Sample	Date	# Images	Osc	Exposure	Transmission	#AP	Spacegroup	Unit Cell	Resolution	Rmeas	Completeness	
/20220047-5/mpro_5_11/5/rawdata /mpro_5_11_5_####.cbf	mpro_5_11	16-09-2022 16:11:01	150	150.00	150.000	100.00	2	P 2 2 2 fast_dp	67.80 (90.00) 100.00 (90.00) 102.91 (90.00)	29.27 - 2.55 29.27 - 11.38 2.61 - 2.55	0.090 0.026 0.838	96.2 5.7	Download dataset!
/20220047-5/mpro_5_11/4/rawdata /mpro_5_11_4_####.cbf	mpro_5_11	16-09-2022 15:55:58	150	150.00	150.000	100.00	2	P 2 2 2 fast_dp	67.75 (90.00) 99.91 (90.00) 102.78 (90.00)	29.23 - 2.48 29.23 - 11.10 2.55 - 2.48	0.078 0.023 0.758	94.3 89.2	
/20220047-5/mpro_5_25/2/rawdata /mpro_5_25_2_####.cbf	mpro_5_25	16-09-2022 15:28:17	720	360.00	360.000	100.00	0	No successful auto processing					
/20220047-5/mpro_5_19/2/rawdata /mpro_5_19_2_####.cbf	mpro_5_19	16-09-2022 15:07:41	720	360.00	360.000	100.00	2	P 2 2 2 fast_dp	67.95 (90.00) 99.14 (90.00) 103.20 (90.00)	29.72 - 1.91 29.72 - 8.54 1.96 - 1.91	0.076 0.028 0.860	99.9 97.6 99.5	
/20220047-5/mpro_5_16/2/rawdata /mpro_5_16_2_####.cbf	mpro_5_16	16-09-2022 14:34:12	720	360.00	360.000	100.00	2	P 2 2 2 fast_dp	68.06 (90.00) 99.49 (90.00) 103.32 (90.00)	29.81 - 2.04 29.81 - 9.11 2.09 - 2.04	0.087 0.027 0.775	99.9 97.1 98.9	
/20220047-5/mpro_5_15/2/rawdata /mpro_5_15_2_####.cbf	mpro_5_15	16-09-2022 14:23:01	720	360.00	360.000	100.00	2	P 21 21 21 autoPROC	68.00 (90.00) 99.42 (90.00) 103.17 (90.00)	56.13 - 1.97 56.13 - 5.33 2.00 - 1.97	0.075 0.030 1.295	100.0 99.9 100.0	

/rawdata (cbf)

/work/autproc

/work/fast_dp

/work/dimple