**All commands in the yellow (exp) window**

ACQUISITION START

1) newsample(‘MC\_sample\_name’)
**Important : start by user initials. For example, Marine Cotte = MC**

2) bluespin(919)
*rotation on*

3) umvr(spinp, X)
*X = lateral position value in mm*

4) shopen()
*shutter open*

5) stscan(-7, 31, 2)
*-7 31 = range in 2theta
2 = numbers of °/min (2 = typical values)*

5’) for j in range(X) : stscan(-7, 31, 2) (20 minutes of acquisition for 1 scan)
*X = number of acquisitons. If X = 3, 3 scans on the [-7 ; 31] range*

5’’) while True : stscan(-4, 20, 2)
*Continuous acquisition, needs to be manually stopped with CTRL+C*

ACQUISITION STOP
Wait for the conversion of the .h5 data then CTRL+C

1) shclose()
*shutter closed*

2) bluespin(0)
*rotation off*

CHANGE SAMPLE, back to ACQUISITION START

COPY EXISTING MACRO
cp HGXXX\_macro\_name1.py HGXXX\_macro\_name2.py

EDIT MACRO

gedit HGXXX\_macro\_name.py
*open macro in new window*

RUN MACRO

User\_script\_run(‘HGXXX\_macro\_name.py’)