



Contribution ID: 97

Type: Poster

Slew scanning at the XAS beamline

A recent upgrade of the data collection capabilities at the XAS beamline now gives users the ability to run their scans in a new, extremely fast way that we call “slew scanning”.

In this mode the scan is triggered once by software, and then synchronous acquisition is executed by hardware, thus increasing the speed of collection.

The new and intuitive user interface rolled out to enable these slew scan capabilities is the precursor to the new Scientific Computing interfaces that will be the face of BRIGHT.

This poster presents a snapshot of the technical implementation of this new scanning mode and the features users can expect when they conduct their experiments.

Level of Expertise

Experience Researcher

Presenter Gender

Rather not state

Pronouns

Do you intend to attend UM2022

In person - Melbourne

Students Only - if available would you be interested in student travel funding

Students Only –Do you wish to take part in the Student Poster Slam

Terms and conditions (Please confirm that you have read all the requirements and agree to the conditions)

Yes

Primary author: Dr SAMMUT, Letizia (Australian Synchrotron)

Co-authors: Mr KIM, Noah (ANSTO); MOLL, Andreas (Australian Synchrotron); MITCHELL, Valerie (Australian Synchrotron); BALDWINSON, Ben (Australian Synchrotron)

Presenters: Dr SAMMUT, Letizia (Australian Synchrotron); HAMILTON, Jessica (Australian Synchrotron (ANSTO)); WYKES, Jeremy (Australian Synchrotron); JOHANNESSEN, Bernt (Australian Synchrotron)

Session Classification: Poster

Track Classification: Manufacturing, Engineering & Cultural Heritage