



Contribution ID: 150

Type: Oral

Chemical Crystallography at the Australian Synchrotron MX Beamlines

Friday, 27 November 2015 14:15 (20 minutes)

The single crystal diffraction beamlines, Macromolecular Crystallography 1 and 2 (MX1 and MX2) serve a wide range of experimental conditions and sample types. While the bulk of the beamtime is allocated to the structural biology community there is a very active and successful chemical crystallography community that gains substantial benefit from the use of synchrotron radiation. I will highlight some of the fine work that has been carried out by this field as well as exploring beamline development projects that are of significance to this community. In particular the successful deployment of the mini-kappa goniometer on MX1 allowing convenient full sphere collections of low symmetry structures, and feedback on the testing of the Dectris, Eiger detector that was tested on MX2.

Keywords

Chemical Crystallography Detector Goniometer Data Analysis

Primary author: Dr PRICE, Jason (Australian Synchrotron)

Co-authors: Dr RIBOLDI-TUNNICLIFFE, Alan (Australian Synchrotron); ERIKSSON, Daniel (Australian Synchrotron); Dr ARAGAO, David (Australian Synchrotron); Dr WILLIAMSON, Rachel (Australian Synchrotron); Dr PANJIKAR, Santosh (Australian Synchrotron); Dr HARROP, Stephen (Australian Synchrotron); CARADOC-DAVIES, Tom (Australian Synchrotron.)

Presenter: Dr PRICE, Jason (Australian Synchrotron)

Session Classification: Beamline updates

Track Classification: Beamlines, Instrumentation and Techniques