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## Crystallography beamline update - what is going on at MX?

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The Macromolecular Crystallography (MX) beamlines serve the scientific community by enabling research that could not be done elsewhere in Australia. In order to achieve this, we are in a state of continual improvement. Here we present an overview of recently completed, currently being rolled-out, and near future developments at MX1 and MX2. Projects that have been recently completed include a major upgrade of the sample mounting robots; new filter wheels for fine control beam attenuation; And roof-mounted HD gimbal cameras inside the experimental hutches. Future plans include a more reliable and user-friendly interface for remote access; and improvements to the area for incoming shipping dewars. Looking forward, a major upgrade to the MX2 optics is at hand during the next shutdown, involving a new channel-cut Si-crystal for improved beam-stability and a piezo-collimator for producing micro-beams at higher flux and with greater control than the current micro-collimator.

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### Summary

**Primary author(s)** : Dr ERIKSSON, Daniel (Australian Synchrotron)

**Co-author(s)** : Dr RIBOLDI-TUNNICLIFFE, Alan (Australian Synchrotron); Dr ARAGAO, David (Australian Synchrotron); Dr PRICE, Jason (Australian Synchrotron); Dr CLIFT, Mark (Australian Synchrotron); Dr WILLIAMSON, Rachel (MX Beamline); Dr PANJIKAR, Santosh (Australian Synchrotron); Dr HARROP, Stephen (Australian Synchrotron); Dr CARADOC-DAVIES, Tom (Australian Synchrotron.)

**Presenter(s)** : Dr ERIKSSON, Daniel (Australian Synchrotron)

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