

# New features, 2017-1 run

## General

- On 23ID-D, our vertically focusing mirror has incurred a major problem. As a result, the fluxes for all beam sizes are down 10- to 20-fold. Therefore, you may need to use a combination of decreased attenuation and increased exposure time.
- The mirror problem has also restricted the current energy range on 23ID-D to 6 – 15 keV.

## Data Collection

### For Pilatus3 6M detector, 23ID-D

- In inverse beam data collection, the inverse beam filenames have an added \_INV suffix while having the same numbering as set up in the data collection parameters.

## Raster tab, 23ID-D

- On 23ID-D, DOZOR is used for spot finding. We expect DISTL to be working again soon, followed by DIALS.

## Computing

- An MX button was added to the MEDM toolbar. It allows the selection of some crystallographic software to be run in a dedicated bash shell. This prevents potential problems between different crystallographic programs when setting environment variables. More detailed instructions can be found at the bottom of the page [http://www.gmca.anl.gov/computing/software\\_crystallography.html](http://www.gmca.anl.gov/computing/software_crystallography.html)
- autoProc by Global Phasing is available for non-commercial users.
- Displaying images in remote sessions with Albula broke after the latest Redhat/CentOS-7 upgrade. Dectris expects to fix Albula within 6 to 9 months. Until then, please use Adxv or embedded JBlulce image viewer. The latest Adxv supports the Eiger HDF5 format.