New features in data collection and beamline controls
As of October 10, 2011

Sample tab:
- Beamsize selection moved to the top.
- Pull-down menu for size display has disappeared. Selection can be made in High Res. View.

Raster tab:
- New parameter – "Corrected Bragg" is introduced to subtract erroneous "Bragg" spots
- Results in auto-raster are more reliable with corrected Bragg spots
- Macros are implemented for raster parameters
- Diffraction raster speed has improved
- Camera zoom can be changed during raster
- "Loop Z" default has changed to 200.
- In the raster heat map, the maximum value is always red.

Collect tab:
- A copy button copies the vector as well as the collect parameters to a new tab
- Diffraction image updates can be stopped with the 'Stop' check box. The +/- buttons can be used to browse through images.
- Once a vector is set up, clicking "site check" and then "collect" will take the first frame for each site.
- Vector sites can be manually centered using the site list.
- The user is prompted to delete the vector when changing out of vector mode.
- There is a selection button (XDSProc) for automated processing with XDS.
- Strategy has a few changes:

  - Highest symmetry or P1 are selectable and strategy output is displayed according to this selection.
  - Strategy can be reported for native or anomalous data. For the latter, the results can be displayed for continuous or inverse beam modes.
  - Parameters that can be exported are in green.
  - All results can be saved in an Excel spreadsheet
  - All strategy results are now kept and can be reviewed as needed

Other:
- adxv follow mode does not freeze after a few hundred frames.