

This should be filled in by every participating facility. This questionnaire is also a good place to let us know additional topics for the NIAC meeting.

\* Facility name

Bragg Institute, ANSTO

\* Number of files/beamlines/instruments producing NeXus files

Instruments = 7. Files = 132,000

\* Number of files/beamlines/instruments producing NeXus files in 2 years time

Instruments = 10. Non NeXus = 4

\* Barriers found for increasing NeXus use

Crystallography is dominated by tiff and imgCIF

Radiography uses the camera's image format

\* Priorities for the NeXus community should be

Helping technique communities define reduced data specification. This will help data interchange.

Reuse existing APIs. H5NX.

Reuse existing object oriented data models. UCAR's CDM.

Validation

NeXus tools as components e.g. browser, validator, plotter. Should be able to add these components to larger applications. Service oriented architecture.