ISIS Single crystal mantid report on the year and priorities

Integration

1. In q, spherical : works fine for any peaks (nucl or incomm)
2. Ellipsoids. Used to work only in det space. Is this available also in q now? Intensity correct but what about errors? (the spherical had been wrong for years!). Needs to work for a- non integer indices (maybe it does with separate branch) and b- MDWorksapce.
3. Clusters and Two step to test fully.
4. Full 3D profile. Seems to work for SNS but we cannot use it. Needs more options so various functions can be used (McStas based at the moment but we have analytical functions that could be used instead). -> make it work for ISIS, including on satellite peaks

Modulated Structures.

Again lots of work at SNS but not available in mantid yet (soon I believe). Make it work for us.

Sample shape corrections (use CAD drawing type file format) for 1- absorption and 2- extinction (can put in path in Jana). Work has started then stalled. -> get progress report on this and carry on. Needed for both powder and SX (complex corrections have been on the list since day one).

Interest from ISIS, SNS, ESS

TOP PRIORITY : make what is already there work for us.

Start a common calibration discussion (esp sample position).