

Poster Presentations

[MS10-P12] Efficient data collection with software and hardware features from Agilent Technologies

With the recent improvements in source brightness more samples are becoming viable candidates to be measured on in-house diffractometers. To cope with the resulting increase in workload it is important to be able to collect excellent, publishable-quality data as quickly and efficiently as possible.

Agilent Technologies develop and supply X-ray systems for single-crystal diffraction research, which includes the Nova and Mova sealed-tube micro-focus X-ray sources, as well as our Atlas and Eos CCD detectors. Technological improvements allow us to make use of the high brilliance of the sources, and the large dynamic range and low signal-to-noise of our detectors to push the boundaries of what samples can be measured.

In conjunction, our innovative, user-friendly CrysAlis^{Pro} software is constantly being updated to make use of all new hardware improvements, as well as making it as easy as possible for the user to effectively screen their samples, gather enough preliminary information quickly, and run the most suitable experiments.