Poster Presentation

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Improving your single crystal data collection

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Performing data collections which are not only high quality but also efficient is a key requirement of diffractometer users around the world, either to enable high throughput, or simply maximise data quality in a given time. By using a rapid structural analysis before the start of your data collection, you can improve the overall strategy and data quality of your sample. Combining this new approach to data collection with the high speed of the latest instruments, e.g XtaLAB Synergy-S, gives crystallographers the tools to achieve the best possible structures for publication.

Ensuring the best possible use of the diffractometer hardware and the data it provides requires high performance software. The CrysAlisPro software package is under continual development in order to provide enhanced automation features, new options for sample screening, data collection and improvements to data processing algorithms. One of these algorithms, called 'What Is This' offers an exciting solution for crystallographers everywhere.

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