

Microsymposium

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Collecting and analyzing diffraction data from multiple crystals

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Recent years have witnessed a marked revival of multiple crystal data collection and analysis methods. This has been brought about in many ways by a proliferation of microfocus beamlines [1] that have provided convenient access to structural biologists who wish to measure from their tiny crystals. Further to this however has been a realization that in some cases careful data collection and analysis of multiple crystal data can replace months if not years of effort in wet labs optimizing crystals to be large enough to yield a single crystal data set. The presentation will briefly discuss recent progress in multiple crystal data collection and analysis and illustrate it with some case studies.

[1] G. Evans, D. Axford, D. Waterman & R. L. Owen, *Crystallography Reviews*, 2011, 17, 105-142

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