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DIALS as a Toolkit

Monday, September 19, 2022 5:00 PM (20 minutes)

The DIALS software for the processing of X-ray diffraction data is presented, with an emphasis on how the suite may be used as a toolkit for data processing. The description starts with an overview of the history and intent of the toolkit, usage as an automated system, command-line use, and ultimately how new tools can be written using the API to perform bespoke analysis. Consideration is also made to the application of DIALS to techniques outside of macromolecular X-ray crystallography.

Email address of presenting author

graeme.winter@diamond.ac.uk

Primary author: WINTER, Graeme (Diamond Light Source)

Co-authors: WILLIAMS, Ben (Diamond Light Source); MCDONAGH, David (CCP4); WATERMAN, David (CCP4); PASCAL, Elena (Diamond Light Source); EVANS, Gwyndaf (Diamond Light Source); Dr BIELSTEN-EDMANDS, James (Diamond Light Source); GERSTEL, Markus (Diamond Light Source); DEVENISH, Nicholas (Diamond Light Source); GILDEA, Richard (Diamond Light Source)

Presenter: WINTER, Graeme (Diamond Light Source)

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