



Contribution ID: 196

Type: Talk

CFEL TapeDrive 2.0: Conveyor belt-based sample delivery system for multi-dimensional serial crystallography

Tuesday, 15 March 2022 10:00 (20 minutes)

Here we present a novel conveyor belt-based sample delivery system for serial synchrotron crystallography (SSX). It is optimized for fast installation at beamlines, ease of use, low sample consumption and precise adjustment of several sample delivery parameters like ligand concentration, pH, sample temperature and delay time. Through combination of these parameters, CFEL TapeDrive 2.0 enables multidimensional SSX experiments.

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Session Classification: Methods in Biocrystallography

Track Classification: Main conference: Advances in Methods, Instrumentation and Data Analysis