

MS01-03 | SWISSMX: A NEW, VERSATILE INSTRUMENT FOR FIXED TARGET FEMTOSECOND MACROMOLECULAR CRYSTALLOGRAPHY AT SWISSFEL

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The SwissMX instrument for fixed target macromolecular crystallography (MX) provides robust and efficient data collection of challenging samples, in particular thanks to arbitrarily defined motions for prelocated sample supports. SwissMX consists of a fast and precise scanning stage enclosed in a chamber, and a high-throughput sample changer. Both cryogenic and room temperature data collection are possible. We summarize here the current and up-coming capabilities of the SwissMX instrument, based on examples from the commissioning phase at SwissFEL.