

Feasibility of crystal shadowing for SX at 8 GeV

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Mu2e experiment, searching for a super rare mode of the CLFV decay of muon into an electron is in preparation for data taking at Fermilab's Muon Campus facility. The experiment requires the 8 GeV proton beam continuous delivery aided by the Slow Extraction (SX) from the Delivery Ring. The first beam commissioning of the SX has been scheduled for FY2024. However, there was a possibility to start commissioning earlier, in FY2023. Here we will discuss our first experience and challenges with running SX in the Delivery Ring.

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