

Abstract Submitted
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Muon Neutrino Disappearance Measurements at MINOS+ WILL FLANAGAN, Univ of Dallas, MINOS+ COLLABORATION — From September 2013, the MINOS+ collaboration collected data from the Medium Energy NuMI neutrino beam at Fermilab. MINOS+ operated for three years, and improved upon the world-leading measurements of neutrino oscillations using muon neutrino disappearance made by the MINOS experiment, yielding precision measurements of the oscillation parameters $\sin^2 \theta_{23}$ and Δm_{32}^2 . This talk will present results from MINOS+ based on the first two years of data. An overview of the analysis, a comparison to previous MINOS results, and future sensitivities using the full MINOS+ dataset will be presented.

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