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Mu2e Muon Beam Optimization

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Mu2e is a new experiment under construction at Fermilab, which will search for coherent neutrinoless conversion of muons to electrons. In order to reach its projected single-event sensitivity of 3×10^{-17} , Mu2e will create the most intense muon beam ever developed, with 10^{10} muons per second stopping in the stopping target. Optimization of this muon beam for Mu2e will be discussed.

Working Group

WG3 : Accelerator Physics

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