Abstract Submitted
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The Double Chooz Outer Veto[1] MATTHEW TOUPS, Columbia University, DOUBLE CHOOZ COLLABORATION — Measuring a non-zero value for the neutrino mixing angle θ_{13} sets the scale for future precision measurements in the lepton sector such as CP violation. The Double Chooz experiment will begin taking data later this year with a sensitivity to $\sin^2(2\theta_{13})$ in the $0.02 - 0.03$ range, improving on the CHOOZ bound by about an order of magnitude. Efficient rejection of backgrounds induced by cosmic muons is essential to achieving this sensitivity. The Double Chooz Outer Veto plays a crucial role in vetoing and tagging these muons. An update on the status of the Double Chooz Outer Veto will be presented.

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