

Abstract Submitted
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MINERvA Status and Result. MR NURUZZAMAN, Rutgers University, MINERVA COLLABORATION — The MINERvA (Main INjector ExpeRiment for ν -A) experiment, operating since 2009, is a few-GeV neutrino-nucleus scattering experiment in the NuMI beamline at Fermilab. The experiment measures neutrino and anti-neutrino interactions on a variety of nuclei including plastic scintillator, lead, carbon, iron, and liquid helium. The goal of the experiment is to measure high-precision inclusive and exclusive cross sections as well as study nuclear effects to both improve the neutrino-nucleus interaction models used by neutrino oscillation experiments and to probe the nuclear medium. The current status and recent results of the experiment will be presented.

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