

Abstract Submitted
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Overview of the MINERvA Experiment VITTORIO PAOLONE,
University of Pittsburgh — The MINERvA experiment to run at Fermilab will use a fully active scintillator based fine-grained neutrino detector to exploit the high rate NuMI beam. Minerva will measure low energy neutrino interaction properties and cross sections to a new level of precision. These measurements will be important for the extraction of neutrino properties from accelerator based neutrino oscillations experiments, performed at the few GeV energy regime. This talk will present an overview of the beam-line, detector, and physics potential of MINERvA. In addition a status report of the project will also be discussed.

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