

Abstract Submitted  
for the APR09 Meeting of  
The American Physical Society

**ArgoNeuT: A Physics-Minded Liquid Argon Time Projection Chamber Test Stand** JOSHUA SPITZ, Yale University, ARGONEUT COLLABORATION — ArgoNeuT is a 170 liter Liquid Argon Time Projection Chamber (LArTPC) neutrino detector set in the on-axis NuMI beamline at Fermilab. The experiment's research/design goals and physics possibilities, including a charged current quasi-elastic cross section and  $M_A$  parameter measurement, are reviewed. Also, the results of the above-ground cosmic ray commissioning run with accompanying event displays and reconstructed muon tracks and the current status of the experiment are shown.

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Date submitted: 08 Jan 2009

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