

Abstract Submitted
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Status of the Nab Experiment J. DAVID BOWMAN, ORNL for the Nab Collaboration — The Nab experiment seeks to measure the electron-neutrino correlation coefficient, a , with a fractional uncertainty of .001. The experiment is now preparing for installation on the Fundamental Physics Beamline at ORNL-SNS. The angle between the electron and neutrino is reconstructed from the recoil proton time of flight in a magnetic field expansion spectrometer. I will review the principles of operation of the spectrometer, discuss the progress towards installation, and review the statistical and systematic uncertainty budgets.

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