

Abstract Submitted  
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**Neutrino Search and Performance of AMANDA-II using Transient Waveform Recorders** ANDREA SILVESTRI, University of California, Irvine, ICECUBE COLLABORATION COLLABORATION — AMANDA-II data acquisition electronics was upgraded in January 2003 to readout the complete waveform from the buried PMTs using Transient Waveform Recorders (TWR). We perform the same atmospheric neutrino analysis on data collected in 2003 by the TWR and standard AMANDA data acquisition system. Good agreement in event rate and angular distribution verify the baseline performance of the TWR system. A search of the northern hemisphere for localized neutrino event clusters is also performed, no statistical significant excess has been observed.

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