

## **SEARCH FOR UHE NEUTRINOS IN AMANDA**

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The AMANDA detector is an open Cherenkov detector deployed in the Antarctic ice shield. Due to absorption of neutrinos in the earth, the search for UHE neutrinos is concentrating on the upper hemisphere. The long range of muons above  $10^{15}$  eV ( $>10$  km) enable the detector to monitor large volumes. Simulations show that topological criteria are able to distinguish between low energy downgoing muon background and UHE events. The validity of the Monte Carlo for this up to now unexploited energy regime is confirmed by using bright laser calibration data. This search will begin to probe published neutrino fluxes. The method of the search for UHE events with AMANDA and the results are presented.