

Data from the ANTARES Neutrino Telescope

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Since January 2007 five complete detector lines of the ANTARES deep-sea neutrino telescope have been in successfully operation, making ANTARES the largest neutrino detector in the northern hemisphere. These lines, each housing 75 photomultipliers, are connected to the shore via an undersea cable from the site at a depth of 2470m and the town of La Seyne-sur-Mer in France. The data and long term operation of the ANTARES lines, demonstrate the quality of the ANTARES technology and the advantages of undersea detectors. First data from the operation of the detector with five lines will be presented including candidates for neutrino events. In addition long-term data over more than one year of operation from the first lines of the detector will be presented showing the stability of the system.

Presenter: CARR, John (Centre de Physique de Particules de Marseille, France)

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