Contribution ID: **58** Type: **Oral**

Results from the ANTARES neutrino telescope after 5 years of data

Monday, 9 September 2013 17:20 (20 minutes)

The ANTARES detector in the Mediterranean Sea is the largest deep-sea neutrino telescope in the Northern Hemisphere. It consists of an array of 885 PMTs detecting the Cherenkov light induced by charged leptons produced by neutrino interactions in and around the detector.
The primary goal of ANTARES is to search for astrophysical neutrinos in the TeV/PeV range. This includes searches for any diffuse cosmic neutrino flux as well as more specific searches for galactic sources or active galactic nuclei. The search program also includes multi-messenger analyses based on time and/or space coincidences with other cosmic probes. The ANTARES observatory is sensitive to a wide-range of other phenomena, from atmospheric neutrino oscillations to dark matter annihilation or potential exotics such as nuclearites and magnetic monopoles. We will report on the most recent results obtained with the 5 years of data acquired by the telescope.

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Session Classification: High Energy Astrophysics I

Track Classification: High-Energy Astrophysics (includes all cosmic ray physics)