

Search for a diffuse flux of cosmic neutrinos with ANTARES

Tuesday, 10 September 2013 15:00 (20 minutes)

The ANTARES neutrino telescope, situated off the French coast at about 2500m depth in the Mediterranean Sea, is optimized to detect charged leptons induced by neutrinos in the TeV range. Since its full deployment in 2008, various direction and energy reconstruction techniques have been developed and applied in the search for a diffuse flux of astrophysical neutrinos. In this talk, the results of the latest analyses using four years of data will be shown.

Primary author: Ms SCHNABEL, Jutta (ECAP Universität Erlangen-Nürnberg)

Presenter: Ms SCHNABEL, Jutta (ECAP Universität Erlangen-Nürnberg)

Session Classification: Atmospheric Neutrinos I

Track Classification: Atmospheric Neutrinos