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## Status and First Results from the KM3NeT neutrino telescope [Online]

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KM3NeT is a distributed research infrastructure under construction in abyssal sites of the Mediterranean Sea that hosts two underwater neutrino telescopes: ARCA, located offshore Portopalo di Capo Passero in Italy and ORCA, located offshore Toulon in France. Both telescopes employ the same photon detection technology, using spherical optical modules based on the innovative multi-PMT design. The optical modules are arranged in vertical string-like structures, the detection units which are anchored at the seabed. ARCA and ORCA configurations are optimised according to different physics cases. ARCA is targeted to the detection of neutrinos with energies in the TeV-PeV range coming from astrophysical sources, while ORCA aims at studying the atmospheric neutrino oscillations at energies of a few GeV. In this talk, the status of ARCA and ORCA is presented and the results obtained using data taken with the first detection units are discussed.

**Primary author:** DRAKOPOULOU, Evangelia

**Presenter:** DRAKOPOULOU, Evangelia

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