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Recent results from the KM3NeT Experiment

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KM3NeT is a European research infrastructure project currently under construction at two locations in the Mediterranean Sea. The project aims to detect the neutrinos in the energy range from a few GeV up to a few PeV with two detectors: ORCA (Oscillation Research with Cosmics in the Abyss) for low energy neutrinos and ARCA (Astroparticle Research with Cosmics in the Abyss) for high energy neutrinos. ORCA detector is optimised for neutrino physics, whereas ARCA is designed for neutrino astronomy. This poster describes recent results from the KM3NeT experiment obtained with six deployed detection units of ARCA and ORCA, respectively. Although these configurations represent a small fraction of final ORCA (115 detection units) and ARCA (2x115 detection units) telescopes, promising results have been obtained for neutrino oscillations and neutrino astronomy.

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