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Status and latest results of the KM3NeT neutrino telescope

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We report on the status and latest results of the KM3NeT neutrino telescope in the Mediterranean Sea. KM3NeT has two detectors, KM3NeT/ORCA in France, optimized for the measurement of atmospheric neutrinos, and KM3NeT/ARCA in Italy, focussed on the detection of cosmic neutrinos. Although the detector is still under construction, first results with data using configurations of six lines in ORCA and six lines in ARCA are presented. These includes measurements of neutrino oscillations and limits on non-standard interactions, neutrino decay and quantum decoherence, as well as searches for cosmic neutrino sources and follow-ups of alerts of transient phenomena in a multi-messenger context. An outlook will be presented, including the sensitivity to the neutrino mass ordering.

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