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## KM3NeT Online Multi-Messenger Astronomy Results

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KM3NeT is a Cherenkov-based neutrino telescope, sensitive to energies from MeV to PeV. It is formed by two detectors located in the depths of the Mediterranean sea, KM3NeT/ARCA (Astroparticle Research with Cosmics in the Abyss) in Italy, and KM3NeT/ORCA (Oscillation Research with Cosmics in the Abyss) in France. Currently, both detectors are taking data, with roughly 15% of the total number of planned detection units already installed. The full completion of the detector is expected in 2029.

The energy range covered by KM3NeT, as well as its high duty cycle and large field of view make it suitable for detecting neutrinos from astrophysical sources.

Multi-messenger astronomy requires the simultaneous observation of an astrophysical event by different types of detectors. To meet those needs, we should be able to quickly identify and reconstruct interesting neutrino candidates and broadcast the relevant information, allowing a prompt follow-up of our events by other observatories.

Reciprocally, KM3NeT can follow-up on alerts emitted by partner experiments, looking for coincidences in our data. In some instances, this follow-up could be used to refine the position of poorly localised triggers, like gravitational wave alerts.

This contribution reports on the status of the KM3NeT online analysis framework that has been running since October 2022. The current astrophysical performances for the ARCA and ORCA detectors, along with a summary of the most relevant results, will be presented.

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