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From Deep Sea to Deep Space with the ANTARES and KM3NeT Undersea Neutrino telescopes

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The ANTARES Collaboration is operating a large undersea detector installed by 2500m depth off the Mediterranean coast of France. Completed in 2008, ANTARES is the largest neutrino telescope of the Northern hemisphere and the first one ever built in the sea. It aims at opening a new observational window over the Universe by looking for high energy cosmic neutrino events. The ANTARES cabled observatory also constitutes a unique deep sea infrastructure for multidisciplinary Earth and Sea Sciences. In parallel, the second generation detector KM3NeT aiming at instrumenting a multi-km scale neutrino telescopes in the deep sea is being developed.

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