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The ANTARES adventure

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ANTARES was the first neutrino telescope that operated in the deep sea for more than 15 years. From its location in the northern hemisphere, it long represented the largest detector world-wide with a privileged view towards the Galactic center, providing valuable results in a variety of investigations. It also served as a long-term, real-time, high-bandwidth facility for sea and Earth science measurements. A slender design of the apparatus, featuring several innovative solutions, was instrumental for ensuring success in the installation in the deep sea and even, when needed, maintenance of the apparatus, paving the way towards the next generation of deep-sea detectors. In this talk, we will review the main design choices of ANTARES and we will illustrate the exciting adventure of its construction and operation.

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