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## The Antares Computing Model

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Completed in 2008, ANTARES is now the largest water Cherenkov neutrino telescope in the Northern Hemisphere. Its main goal is to detect neutrinos from galactic and extra-galactic sources. Due to the high background rate of atmospheric muons and the high level of bioluminescence, several online and offline filtering algorithms have to be applied to the raw data taken by the instrument. To be able to handle this data stream, a dedicated computing infrastructure has been set up.

The talk will cover the main aspects of the current official Antares computing model. This includes an overview of online and offline data handling and storage. In addition, the “IceTray” software framework, which is used to link together the various data analysis modules, will be presented and its current usage in Antares data processing will be highlighted. Finally, an overview of the final data storage format used for high-level analysis will be given.

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