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The sector of the Antares line to be deployed in the NEMO site

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The NEWASTR project consists in the realization and deployment of an Antares mini string in the NEMO's Capo Passero site together with the NEMO tower. This project has been proposed to make an on-site comparison between the two different layouts and to check how the bioluminescence phenomena can be affected by the detector geometry. In addition it will give a direct measurement of the bioluminescence activity immediately comparable to the Antares site data, since the detector is substantially the same. In this talk I will present the technical specification of the NEWASTR string and the main differences between the infrastructures used in the two sites. After that we will show the technical problems we encountered and the solutions we will use to make this project successfully work.

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