



# Indirect searches for dark matter with ANTARES and KM3NeT neutrino data

Artwork by KM3NeT with Sandbox Studio, Chicago

**Lecturer:** Rebecca Gozzini, Instituto de Física Corpuscular, Valencia.

She works on neutrino astrophysics with the ANTARES and KM3NeT underwater telescopes, where she coordinates the Dark Matter and Exotic Physics Working Group

**Abstract:** Dark Matter (DM) detection can be faced through the observation of neutrinos produced in the annihilation or decay of DM particles. Searches for neutrino fluxes from different sources have resulted in stringent constraints on the DM annihilation cross section. In this seminar, experimental results from ANTARES and KM3Net neutrino telescopes in the context of indirect DM searches will be reviewed. In addition, prospects for discoveries at next generation neutrino detectors will be discussed.

Jueves 24 noviembre, 12 horas.

Seminario de Física Atómica, Molecular y Nuclear

On line ([Zoom](#))



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