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An overview on neutrino astronomy

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High-energy neutrinos can convey a significant amount of information on the mechanisms at play in astrophysical environments. Neutrino telescopes have been designed to study such signals, detecting the Cherenkov photons induced in deep waters or ice by the charged products of the neutrino interaction. The physics case for neutrino telescopes will be reviewed in this contribution, providing an overview on the most relevant results in the field.

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