

Probing physics beyond the standard model with IceCube

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IceCube is the world's largest neutrino telescope located at the geographical South Pole. Next to its astrophysical program, IceCube has a rich particle physics program including searches for phenomena beyond the standard model. This includes indirect searches for dark matter, searches for magnetic monopoles, mixing with sterile neutrinos, and non-standard neutrino interactions. An overview of this program is presented in this contribution.

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