

Prospects of Neutrino Physics



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Direct Detection Prospects for the Cosmic Neutrino Background

Friday, 12 April 2019 14:00 (30 minutes)

The Cosmic Neutrino Background is a solid prediction of the Standard Model of Cosmology and Particle Physics. There is plenty of indirect evidence for its existence but so far it escaped direct detection. I will explain the difficulties in such an endeavor and present some recent ideas and proposals for it. Interestingly, some of the proposals could act simultaneously as a dark matter experiment.

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