

Cosmic neutrino searches as decaying dark matter detectors

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The dark matter (or some of it) could exist in a form that decays to neutrinos at cosmologically late times. Proposed experiments searching for the cosmic neutrino background, such as PTOLEMY, could be sensitive to this scenario. We discuss the signals allowed at such an experiment given cosmological constraints.

Presenter: MCKEEN, David (TRIUMF)

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