

Indirect and direct detection of sneutrino dark matter

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In this talk we present the phenomenology of a mostly right-handed sneutrino as the lightest supersymmetric particle (LSP) and dark matter candidate. We focus our attention on indirect detection signals such as enhanced monochromatic neutrino lines in the reach of future neutrino probe. Furthermore we illustrate the complementarity between indirect and direct detection of sneutrino LSP with LHC constraints in the context of simplified model spectra.

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