

Supernova Neutrino Pointing with DUNE

Wednesday, 29 July 2020 17:15 (25 minutes)

The Deep Underground Neutrino Experiment (DUNE) will be capable of observing the burst of neutrinos from a nearby core-collapse supernova. The detector will furthermore have the excellent capability for determination of the direction of the supernova via reconstruction of anisotropic interactions in its liquid argon time projection chambers.

This talk will describe studies of DUNE's supernova pointing capabilities under realistic assumptions.

I read the instructions

Secondary track (number)

Neutrino Physics

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