Contribution ID: **322** Type: **Poster supernova**

Supernova Neutrino Detection in DUNE

The Deep Underground Neutrino Experiment (DUNE) liquid argon time projection chambers will record the burst of neutrinos from the core collapse of a massive star in the Milky Way neighborhood. DUNE's liquid argon has unique sensitivity to the electron neutrino component of the burst. This poster will describe recent progress on reconstruction of supernova burst neutrinos in DUNE.

Authorship annotation

for the DUNE Collaboration

Session and Location

Wednesday Session, Poster Wall #12 (Robert-Schumann-Room)

Poster included in proceedings:

yes

Primary author: Prof. HABIG, Alec (University of Minnesota Duluth)

Presenter: Prof. HABIG, Alec (University of Minnesota Duluth)

Track Classification: Poster (not participating in poster prize competition)