

Physics Opportunities in the Near DUNE Detector hall: PONDD



Contribution ID: 2

Type: **not specified**

Pandora pattern recognition for LAr TPCs

Thursday, 6 December 2018 12:00 (30 minutes)

Pattern recognition is an essential stage of the reconstruction of particle interactions in liquid argon time projection chamber (LArTPC) detectors. The novel multi-algorithm approach implemented in the Pandora software uses many tens of algorithms to gradually build up an image of the event, and has been used successfully for the reconstruction of neutrino interactions and cosmic ray muons in LArTPC experiments such as MicroBooNE.

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Session Classification: Utilizing DUNE's Liquid Argon Technology