

New Perspectives



Contribution ID: 19

Type: **not specified**

LArIAT in 10 minutes

On behalf of the LArIAT collaboration.

The LArIAT (Liquid Argon In a Testbeam) experiment consists of a Liquid Argon Time Projection Chamber (LArTPC) placed in a tertiary beam of charged particles at the Fermilab Test Beam Facility. It has collected large samples of pions, muons, electrons, protons, and kaons in the momentum range of 300-1400 MeV/c. The scientific goal of the LArIAT experiment is to measure the interaction of neutrino products in argon since neutrino detectors such as DUNE and the SBN program benefits from the same technology as LArTPC.

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