

Abstract Submitted
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First Results from The PixLAr Setup AKSHAT TRIPATHI, Univ of Texas, Arlington, PIXLAR/LARIAT COLLABORATION — The Liquid Argon in a Test Beam (LArIAT) is an experiment at Fermilab with the primary goal of calibrating Liquid Argon Time Projection Chambers (LArTPC's) and measuring hadron-Argon cross-sections utilizing a charged particle test beam. The next generation of this experiment deploys a pixel based charge collection LArTPC (PixLAr) to study the performance of this technology. PixLAr shares the same beamline, electronics, and readout as the LArIAT experiment, allowing for a cross comparison between the performance of a wire based to pixel based charge readout. This talk will show first results from the PixLAr setup and outline ongoing studies utilizing this data.

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