Abstract Submitted
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Time-of-Flight at NOvA Test Beam[1] AIDAN MEDCALF, University of Dallas, NOVA COLLABORATION[2] — The NOvA Test Beam experiment at Fermi National Accelerator Laboratory (FNAL) in Batavia, IL is a test beam experiment designed to characterize the response of the NOvA detector to known incident particles from the FNAL Meson Center beamline. NOvA Test Beam relies on time-of-flight and momentum measurements for particle identification. A high-precision time-of-flight system was built, consisting of two plastic scintillator counters, each with four photomultiplier tubes attached. The response of each photomultiplier is digitized and recorded for offline timing reconstruction. Results from beam data taken in the summer of 2019 will be presented.

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