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The NOvA Test Beam Program. DAVID DUENAS, Univ of Cincinnati, NOVA COLLABORATION — NOvA is a long-baseline oscillation neutrino experiment designed to study and measure a wide range of important topics in neutrino physics such as the neutrino mixing parameters, the neutrino mass hierarchy, and CP violation in the lepton sector. The NOvA Test Beam experiment uses a scaled-down 30-ton NOvA detector to analyze tagged charged particles. A new tertiary beamline deployed at Fermilab is designed to select and identify electrons, muons, pions, kaons and protons in the energy range from 0.2 to 2 GeV. Using these data, the Test Beam program will provide NOvA with a better understanding of the largest systematic uncertainties impacting NOvA's analyses, which include the detector response, calibration, hadronic and electromagnetic energy resolution. In this talk, I will present the status and future plans for the NOvA Test Beam program, along with preliminary results.

David Duenas
Univ of Cincinnati

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