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Results From TeV Neutrinos at the FASER Experiment

Tuesday 14 May 2024 15:00 (15 minutes)

The ForwArd Search ExpeRiment (FASER) has been successfully acquiring data at the Large Hadron Collider (LHC) since the inception of Run 3 in 2022. FASER opened the window on the new subfield of collider neutrino physics by conducting the first direct detection of muon and electron neutrinos at the LHC. In this talk, we discuss the latest neutrino physics results from FASER. A review of the first neutrino results from the electronic detectors of FASER will be given, and the rest of the talk will focus on the first measurements of neutrino cross sections in the TeV-energy range with the FASER ν sub-detector.

Mini Symposia (Invited Talks Only)

Primary author: GARABAGLU, Ali (University of Washington (US))

Presenter: GARABAGLU, Ali (University of Washington (US))

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