

# Results from TeV Neutrinos at the FASER Experiment

*Thursday 18 July 2024 18:15 (15 minutes)*

FASER, the ForwArd Search ExpeRiment, has successfully taken data at the LHC since the start of Run 3 in 2022. With 2022 data alone, FASER directly detected the first muon and electron neutrinos at the LHC, opening the window on the new subfield of collider neutrino physics. In this talk, we will give a full status update of the FASER and FASERnu experiments and their latest results, with a particular focus on our very first measurements of neutrino cross sections in the TeV-energy range, along with its implications for forward hadron production.

## Alternate track

### I read the instructions above

Yes

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