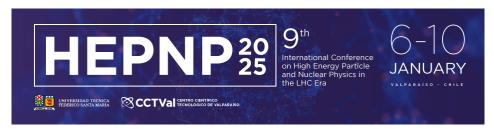
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Neutrino Experiments at the Large Hadron Collider

Thursday 9 January 2025 14:30 (20 minutes)

The forward direction of particle production in proton-proton interactions at the Large Hadron Collider can serve as an intense source of high energy neutrinos of all neutrino-flavours, that stem from hadron decays. Two experiments located at a distance of 480 m away from the ATLAS experiment, along the beam line of sight, FASER(Nu) and SND@LHC, have been installed during the last LHC shutdown and have been taking data since the start of the Run 3 in 2022. We will discuss the most recent results from these experiments and give a brief outlook of recent ideas for future neutrino experiments at the high luminosity LHC.

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