

# 9th International Conference on High Energy Particle and Nuclear Physics in the LHC Era



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## Neutrino Experiments at the Large Hadron Collider

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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.

**Author:** DE ROECK, Albert (CERN)

**Presenter:** DE ROECK, Albert (CERN)

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