Stefano Castro Tognini



Publications

Research profiles

- orcid.org/0000-0001-9741-6608
- inspirehep.net/authors/1074966
- P publons.com/researcher/1798369/stefano-castro-tognini/
- \mathfrak{T} scholar.google.com/citations?user=M4To0NcAAAAJ
- R⁶ www.researchgate.net/profile/Stefano-C-Tognini

Journal articles

- **2021** M. A. Acero, *et al.* (NOνA Collab.) **Seasonal variation of multiple-muon cosmic ray air showers observed in the NOvA detector on the surface**. Phys. Rev. D **104**, 012014.
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 - P. Adamson, *et al.* (MINOS+ Collab.) **Improved Constraints on Sterile Neutrino Mixing from Disappearance Searches in the MINOS, MINOS+, Daya Bay, and Bugey-3 Experiments**. Phys. Rev. Lett. **125**, 071801.
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 - P. Adamson, et al. (NO ν A Collab.) First Measurement of Electron Neutrino Appearance in NO ν A. Phys. Rev. Lett. **116**, 151806.
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 - P. Adamson, *et al.* (Daya Bay Collab., MINOS Collab.) Limits on Active to Sterile Neutrino Oscillations from Disappearance Searches in the MINOS, Daya Bay, and Bugey-3 Experiments. Phys. Rev. Lett. **117**, 151801.
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 - S. C. Tognini, P. Canal, *et al.* Celeritas: GPU-accelerated particle transport for detector simulation in High Energy Physics experiments. Submitted to the Proceedings of the US Community Study on the Future of Particle Physics (Snowmass 2021).
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 - H. R. Gadey, R. Howard, *et al.* **Muon Detector Development Status Report**. Sponsor Report PNNL-32802.
- **2021** J. Meszaros, S. C. Tognini, *et al.* **Underground Research Laboratory Muon Detector Project Progress Report**. Sponsor Report ORNL/SPR-2021/2077.