

# Rapport d'activité LPNHE 2020–2021

## Liste de publications du groupe GRAND

19 novembre 2021

### Articles

1. V. Decoene, N. Renault-Tinacci, O. Martineau-Huynh et al. « Radio-detection of neutrino-induced air showers : The influence of topography ». *Nuclear Instruments and Methods in Physics Research A* 986, 164803 (jan. 2021), p. 164803. DOI : [10.1016/j.nima.2020.164803](https://doi.org/10.1016/j.nima.2020.164803)
2. Anne Zilles, Olivier Martineau-Huynh, Kumiko Kotera et al. « Radio Morphing : towards a fast computation of the radio signal from air showers ». *Astroparticle Physics* 114 (jan. 2020), p. 10-21. DOI : [10.1016/j.astropartphys.2019.06.001](https://doi.org/10.1016/j.astropartphys.2019.06.001)

### Actes de conférences

1. Valentin Decoene, Olivier Martineau-Huynh, Matias Tueros et al. « A reconstruction procedure for very inclined extensive air showers based on radio signals ». *Proceedings of 37th International Cosmic Ray Conference — PoS(ICRC2021)*. T. 395. 2021, p. 211. DOI : [10.22323/1.395.0211](https://doi.org/10.22323/1.395.0211)
2. Simon Chiche, Olivier Martineau-Huynh, Kumiko Kotera et al. « Radio-Morphing : a fast, efficient and accurate tool to compute the radio signals from air-showers ». *Proceedings of 37th International Cosmic Ray Conference — PoS(ICRC2021)*. T. 395. 2021, p. 194. DOI : [10.22323/1.395.0194](https://doi.org/10.22323/1.395.0194)