

# Searches from Cosmological GW in the NANOGrav 15-year dataset

*Wednesday 30 October 2024 11:00 (45 minutes)*

I report on the latest searches for signals of new physics in the NANOGrav 15-year dataset, focusing especially on inflationary and scalar-induced gravitational wave sources. This is based on the NANOGrav collaboration papers 2306.16219 and 2408.10166.

**Author:** LINO DOS SANTOS, Rafael Robson (NCBJ, Warsaw)

**Presenter:** LINO DOS SANTOS, Rafael Robson (NCBJ, Warsaw)