

HEP2023 - 40th Conference on Recent Developments in High Energy Physics  
and Cosmology, Ioannina, Greece



Contribution ID: 34

Type: **not specified**

## Observable primordial gravitational waves from cosmic inflation

*Wednesday 5 April 2023 15:00 (30 minutes)*

I will review briefly how inflation is expected to generate a stochastic background of primordial gravitational waves (GWs). Then, I will discuss how such GWs can be enhanced by a stiff period following inflation, enough to be observable. I will present examples of this in the context of hybrid inflation with alpha-attractors, or a period of hyper-inflation in Palatini gravity.

**Presenter:** DIMOPOULOS, KONSTANTINOS (LANCASTER UNIVERSITY)

**Session Classification:** Plenary