Contribution ID: 70 Type: not specified

## Exploring the Gravitational Wave Universe with PTAs: where we are and where we are going

Tuesday, 12 December 2023 11:20 (50 minutes)

By tracking the arrival times of radio pulses from a collection of pulsars in the Milky Way, several pulsar timing array collaborations have found evidence for a background of gravitational waves permeating our galaxy. In this talk, I will present this evidence and discuss possible paths forward to discriminate between astrophysical and cosmological interpretations of this background.

Primary author: MITRIDATE, Andrea (DESY)

Presenter: MITRIDATE, Andrea (DESY)
Session Classification: Plenary Session