

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.

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Session Classification: Plenary Session