

Colloquium

Department of Fundamental Research
National Centre for Nuclear Research

October 9 (Monday), 3:15 pm

The meeting is held online:

<https://www.gotomeet.me/NCBJmeetings/gravity-physics>

(chrome browser is recommended)

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Pulsar Timing Array: search for gravitational waves in the nano-Hz band

Abstract: In this presentation, I will start with the basic principles of detecting gravitational waves using millisecond pulsars and introduce Pulsar Timing Array collaborations. Next, I will describe the most recent results from all PTA collaborations and touch on their plausible interpretation. Finally, I will introduce the current activities and near-future plans.

Stanisław Mrówczyński and Włodzimierz Piechocki