



Canadian Association
of Physicists

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Type: **Invited Speaker / Conférencier(ère) invité(e)**

Gravitational Laboratories for Nuclear Physics

Wednesday 29 May 2024 11:00 (30 minutes)

I will discuss how recent astrophysical observations of neutron stars, together with advances in statistical methods, allow us to probe the behavior of matter at the highest densities anywhere in the universe while self-consistently controlling the number and impact of theoretical uncertainties required a priori. We will discuss key take-aways from the astrophysical data and what to watch for over the next few years.

Keyword-1

neutron stars

Keyword-2

gravitational waves

Keyword-3

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