

PHAROS Conference 2019: the multi-messenger physics and astrophysics of neutron stars



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Testing theories of gravity with pulsars

We are living in a golden era for testing gravitational physics with precision experiments. This talk will give a status of the field using a variety of tests with radio pulsars. It will highlight the use of multi-messenger information, which allows us to place the results in context of other experiments (including LIGO, EHT, etc). I will demonstrate how pulsars continue to provide unique constraints on gravity and fundamental physics in general, and how they complement other methods.

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