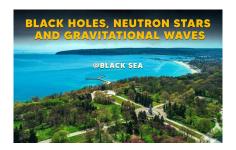
Black Holes, Neutron Stars, and Gravitational Waves @ Black Sea



Contribution ID: 29 Type: Oral presentation

Time evolution characterization as a sieve for gravity theories

Wednesday 18 June 2025 16:30 (30 minutes)

Having well posed time evolution is an important property we seek to have in our theories of nature. In this talk, I will present how some simple classical field theories can be ruled out due to a breakdown of time evolution in their dynamics. I will also speculate on using similar analyses to constrain the alternative theory landscape of gravity, helping the observational and experimental tests.

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