

Gravity in the era of Stage IV Surveys

Monday 7 April 2025 09:20 (1 hour)

Stage IV Large Scale Structure Surveys are ushering in a new era of precision cosmology! In this talk, I will explore the effort to test gravity on cosmological scales, highlighting the theoretical advancements aimed at constructing an optimal framework. I will also touch on the synergy with gravitational wave surveys. Additionally, I will provide a detailed review of recent findings based on currently available data and conclude with an outlook on the challenges and future prospects in this field.

Presenter: SILVESTRI, Alessandra

Session Classification: Plenary talks

Track Classification: UK Cosmo