28th Texas Symposium on Relativistic Astrophysics



Contribution ID: 1

Type: Talk

## Linearly shielded modifications of gravity

Monday 7 December 2015 15:03 (21 minutes)

Modifications of gravity arising in the presence of a nonminimally coupled scalar field and capable of accelerating the expansion of our Universe can be suppressed at the linear level of cosmological perturbations, only introducing deviations from concordance cosmology at the largest observable scales. I will classify the theory space capable of this mechanism in the effective field theory of unified dark energy and discuss potentially observable signatures in relativistic effects of galaxy clustering near the Hubble scale.

Author: Dr LOMBRISER, Lucas (University of Edinburgh)
Presenter: Dr LOMBRISER, Lucas (University of Edinburgh)
Session Classification: 03 - Modifications of gravity