

## Modified Teleparallel Gravity

*Wednesday 26 April 2023 16:30 (15 minutes)*

In this presentation is mainly devoted to the extended theory of Einstein's gravity, particularly focused on the modified teleparallel gravity theory to explore different cosmological interests beyond the standard model of cosmology. The accelerating expansion of the universe, the linear cosmological perturbations and the inflationary Universe in modified teleparallel gravity theory will be presented.

**Presenter:** SAHLU, Shambel (Entoto Observatory and Reserach Center, Ethiopian Space Science and Technology Institute)

**Session Classification:** Research Talk 11: QIT/ML/Neutrinos/Astrophysics/Cosmology

**Track Classification:** Cosmology