Topical Collection

Teleparallel Gravity: From Foundations to Observational Constraints

Message from the Collection Editors

Teleparallel gravity (TG) is an increasingly popular modified theory of gravity in the literature with many works on the topic being published and numerous presentations being given at conferences. TG re-envisions general relativity (GR) by replacing curvature with torsion through an exchange of the curvature-based connection with its torsional analogue. Due to a naturally lower-order nature of teleparallel theories, TG produces a large number of additional novel modified theories of gravity that do not feature in curvature-based models of gravity. Thus, it opens a new window on the plethora of gravitational theories that can be constructed. In this Topical Collection, we invite all works related to TG that tackle these problems. TG offers many possible avenues to explore both well-known and new problems using novel approaches to gravity.

Collection Editors

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Message from the Editor-in-Chief

The multidisciplinary journal *Universe* is aiming to follow and, hopefully, to lead to the largest extent as possible the ever-self renovating threads which weave mathematical theories with our understanding of the magnificent natural world. On behalf of all the distinguished members of the Advisory and Editorial Boards, I extend my welcome to this journal and look forward to hearing from the interested contributors and learning about their valuable research.

Editor-in-Chief

Prof. Dr. Lorenzo Iorio
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