Special Issue

Large Scale Structure of the Universe

Message from the Guest Editors

This Special Issue will collect contributions related to cosmological tests of gravity. The recent cosmic acceleration of the universe is challenging the theory of general relativity, which is the basis of the standard L-cold-dark-matter (LCDM) cosmological model. This has led people to propose new alternatives, such as dynamical dark energy and theories of modified gravity, in place of the cosmological constant (L). Ongoing and upcoming analyses will provide highly precise data that will allow us to test gravity with unprecedented accuracy. These are crucial to elucidate the nature of gravity on large scales and to test all of the proposed models. The aim of this Special Issue is to provide an overview of the current status of cosmological tests of gravity, as well as to gather new developments in the theoretical interpretation of the observed cosmic acceleration from ongoing and future analyses. Thus, we invite both original and review papers for publication in this Special Issue.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2022)

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Impact Factor 2.6
CiteScore 5.2

mdpi.com/si/71433

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About the Journal

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

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