

Special Issue

Relativistic Cosmology, Numerical Analysis, General Relativity and Modified Gravity Theories

Message from the Guest Editors

This Special Issue welcomes original research articles that focus on the analysis of astrophysical objects in the context of Extended Gravity Theories. We also welcome the paper related to numerical simulations of linear and non-linear dynamical systems. We are hoping to attract studies regarding the possible attainment of high masses of neutron stars and white dwarfs from the Extended Gravity Theories perspective. Moreover, the question of whether it is possible to obtain nonexotic matter wormhole solutions in these theories is expected to be addressed. The physical consequences of studying black holes, strange stars, and gravastars in Extended Gravity Theories are also welcome. The purpose of this special issue is to compile original findings with an emphasis on numerical and theoretical challenges in dynamical systems. Review articles on the current state of the art are also invited. Dr. Kazuharu Bamba, Dr. M. Z. Bhatti, Dr. Tayyaba Akram

Guest Editors

Dr. Zeeshan Yousaf

Dr. Kazuharu Bamba

Dr. M. Z. Bhatti

Deadline for manuscript submissions

closed (31 July 2023)



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About the Journal

Message from the Editorial Board

Galaxies provides an advanced forum for studies related to astronomy, astrophysics, and cosmology, including all of their subfields. Different formats, such as specialized research articles, reviews, communications and technical notes are welcomed. Manuscripts containing original and creative research proposals and ideas are especially appreciated.

We encourage scientists to publish their astronomical observations and theoretical results in as much detail as possible. There is no restriction on the paper length and full experimental and methodological details, as applicable, should be provided. All papers will be peer reviewed promptly. On behalf of the distinguished members of the editorial board, I extend my welcome to all researchers working on these subjects to contribute to *Galaxies*.

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