



universe



an Open Access Journal by MDPI

Recent Advances in Gravitational Lensing and Galactic Dynamics

Guest Editors:

Dr. Francesco De Paolis

Prof. Dr. Alexander F. Zakharov

Prof. Dr. Luka Č. Popović

Deadline for manuscript submissions:

closed (30 April 2025)

Message from the Guest Editors

Dear Colleagues,

About a century after the prediction of the gravitational lensing effect and about four decades after its first observation, gravitational lensing still constitutes an extremely important tool in astrophysics and cosmology, and most of its potential is still hidden. Gravitational lensing was adopted to study the distribution of the stellar component in the Milky Way and other galaxies to study dark matter and dark energy on very large scales.

Galactic dynamics deals with the dynamical structure and evolution of galaxies and other stellar systems and provides important information about the dark matter content of many types of astrophysical systems and the existence of massive black holes at the center of galaxies.

Dr. Francesco De Paolis
Prof. Dr. Alexander F. Zakharov
Prof. Dr. Luka Č. Popović
Guest Editors



mdpi.com/si/203498

Special Issue



universe



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lorenzo Iorio

Ministero dell' Istruzione e del Merito, Viale Unità di Italia 68, 70125 Bari, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Astrophysics Data System, INSPIRE, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (Astronomy and Astrophysics) / CiteScore - Q2 (General Physics and Astronomy)

Contact Us

Universe Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/universe
universe@mdpi.com
[X@Universe_MDPI](https://twitter.com/Universe_MDPI)