

Special Issue

Newest Results in Gravitational Waves and Machine Learning

Message from the Guest Editors

This Special Issue will gather a collection of articles on artificial intelligence technique development for gravitational waves, algorithm design and pipeline software development for gravitational wave data analyses, the newest results on gravitational wave science with and without artificial intelligence methods, and others. Contributions are welcome on theories, simulations, and data. The selection criteria consider the formal and technical soundness, experimental support, and relevance of the contribution.

Guest Editors

Prof. Dr. Zhoujian Cao

Department of Astronomy, Beijing Normal University, Beijing, China

Dr. Lijing Shao

Kavli Institute for Astronomy and Astrophysics, Peking University, Beijing 100080, China

Dr. Zhixiang Ren

Peng Cheng Laboratory, Shenzhen, China

Deadline for manuscript submissions

closed (30 September 2024)



Universe

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.0



mdpi.com/si/168008

Universe
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
universe@mdpi.com

[mdpi.com/journal/
universe](https://mdpi.com/journal/universe)





Universe

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.0



[mdpi.com/journal/
universe](https://mdpi.com/journal/universe)



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

Prof. Dr. Lorenzo Iorio
Ministero dell' Istruzione e del Merito, Viale Unità di Italia 68, 70125 Bari,
Italy

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, CAPIus / SciFinder, Inspec, and other databases.

Journal Rank:

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