

Topical Collection

Gravitational Waves as a New Probe for Astronomy and Fundamental Physics

Message from the Collection Editor

Pioneering detection of GRAVITATIONAL WAVES (GW) from tens of merging stellar mass objects by the LIGO and Virgo observatories has opened up a new era in understanding the universe and provided a new far-reaching tool for exploring matter and cosmos in the most extreme conditions. So far, these observations have brought surprises, such as $\sim 2.5M_{\odot}$

Collection Editor

Dr. Hourii Ziaeeepour

1. Institut UTINAM, CNRS UMR 6213, Observatoire de Besançon, Université de Franche Comté, 41 bis ave. de l'Observatoire, BP 1615, 25010 Besançon, France

2. Mullard Space Science Laboratory, University College London, Holmbury St. Mary, Dorking GU5 6NT, UK



Universe

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.2



mdpi.com/si/54145

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 2.6
CiteScore 5.2



[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, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

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