



*universe*



an Open Access Journal by MDPI

## Inflation, Black Holes and Gravitational Waves

Guest Editors:

### Message from the Guest Editors

**Prof. Dr. Yungui Gong**

**Prof. Dr. Jiliang Jing**

**Prof. Dr. Anzhong Wang**

**Prof. Dr. Bin Wang**

It is our great pleasure to serve as the Guest Editors of this Special Issue, and we invite our colleagues to submit their works to this Special Issue. In the following, we give a series of topics which we hope our colleagues will be greatly interested in:

Deadline for manuscript submissions:

**closed (31 May 2021)**

1. Inflationary models and quantum gravity effects in inflationary observables;
2. The production of primordial black hole dark matter and secondary gravitational waves;
3. Gravitational waves in modified gravity and the constraints on modified gravity by gravitational waves;
4. Gravitational waves as standard sirens to measure the cosmological parameters and study cosmology;
5. Gravitational wave lensing;
6. Gravitational wave astronomy.



[mdpi.com/si/26828](https://mdpi.com/si/26828)

# 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, BA, Italy

## Message from the Editor-in-Chief

The multidisciplinary *Universe* journal 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 editorial board, I extend my welcome to this new 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