

Special Issue

Bounce Cosmology

Message from the Guest Editors

Research on cosmology has been greatly developed over the past few decades, from both observational and theoretical points of view. Particularly, with the help of a series of cosmic microwave background observations, we are fortunate to be able to witness the golden age that the probe of the earliest moments of our Universe has become possible. The paradigm of inflationary cosmology, which was proposed in previous decades, was applied to understand the initial conditions issued in the hot big bang cosmology, and soon became the most prevailing theory describing the early universe. It is interesting to note that, however, that inflationary cosmology is not a unique paradigm describing the early universe. Moreover, general inflation models have difficulty in explaining the existence of the space-time singularity at the very moment that the universe was born. [...] For more information, please visit [link](#).

Guest Editors

Prof. Dr. Yi-Fu Cai

Dr. Chunshan Lin

Prof. Dr. Antonino Marciano

Deadline for manuscript submissions

closed (28 February 2021)



Universe

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 4.3



mdpi.com/si/13972

Universe
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 4.3



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



About the Journal

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.

Editor-in-Chief

Prof. Dr. Lorenzo Iorio

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