universe

an Open Access Journal by MDPI

IMPACT FACTOR 2.9

CITESCORE 3.6

Origins and Natures of Inflation, Dark Matter and Dark Energy

Guest Editor:

Dr. Kazuharu Bamba
Faculty of Symbiotic Systems Science, Fukushima University, Fukushima 960-1296, Japan

Deadline for manuscript submissions:
closed (30 November 2022)

Message from the Guest Editor

Dear Colleagues,

Exploring the origins of a field to realize inflation, dark matter, and dark energy is one of the most important problems in modern physics and cosmology. The main aim of this Special Issue is to understand the origins and true natures of inflation, dark matter, and dark energy. We can consider both phenomenological approaches and more fundamental physics such as higher-dimensional gravity theories, quantum gravity, quantum cosmology, physics in the early universe, quantum field theories and gauge field theories in curved spacetime, string theories, brane world models, and the holographic principle. It is our pleasure to invite submissions to this Special Issue on inflation, dark matter, dark energy, and related foundations of physics.

For detailed information, please visit the Special Issue website.

Prof. Dr. Kazuharu Bamba
Guest Editor

universe

IMPACT FACTOR 2.9

CITESCORE 3.6

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 & Astrophysics*) / CiteScore - Q2 (*General Physics and Astronomy*)

Contact Us

Universe Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/universe
universe@mdpi.com
𝕏@Universe_MDPI