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Origins and Natures of Inflation, Dark Matter and Dark Energy

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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



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Special Issue



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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.

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