

Special Issue

Origins and Natures of Inflation, Dark Matter and Dark Energy, 2nd Edition

Message from the Guest Editor

The main subject of this Special Issue is to understand the origins and true nature of inflation, dark matter, and dark energy. We can consider not only phenomenological approaches but also 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.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2025)



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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
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