

Special Issue

Dark Matter as a Bose–Einstein Condensate

Message from the Guest Editors

It is the goal of this Special Issue to bring together experts from different fields (theoretical physics, astrophysics, cosmology, and even condensed matter) to further investigate, analyze, and develop the idea of dark matter as a Bose–Einstein Condensate. The topics to be covered range from galactic dynamics to the cosmology of the early- and present-day Universe, and novel theoretical ideas and comprehensive comparisons between theory and observations are welcomed. A better understanding of the numerical values of the Bose–Einstein condensation parameters would be very helpful to obtain accurate information on the properties of dark matter. The advances expected from this Special Issue may lead to the development of powerful methods for the observational testing of the predictions of the Bose–Einstein Condensation model on astrophysical and cosmological scales and for the possible confirmation of the existence of condensate dark matter. For more information, please click [here](#).

Guest Editors

Prof. Dr. Tiberiu Harko

1. Astronomical Observatory, 19 Ciresilor Street, 400487 Cluj-Napoca, Romania
2. Department of Physics, Babes-Bolyai University, 400084 Cluj-Napoca, Romania

Prof. Dr. Francisco S. N. Lobo

Institute of Astrophysics and Space Sciences, University of Lisbon, 1749-016 Lisboa, Portugal

Deadline for manuscript submissions

closed (31 August 2021)



Universe

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.2



mdpi.com/si/45106

Universe
Editorial Office
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 2.6
CiteScore 5.2



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



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