

Special Issue

Compact Stars in the QCD Phase Diagram 2024

Message from the Guest Editors

The purpose of this Special Issue is to collect new original contributions as well as reviews, in the broad field of compact stars studies. We welcome contributions exploring all aspects of compact stars from theories to observations. Main topics:

- Neutron star structure and equations of state;
- Multimessenger signals from supernovae and binary neutron star mergers;
- QCD phase diagram and the domain intermediate between nuclear and quark matter;
- Heavy-ion collision and hadron spectroscopy for hadron structures and interactions;
- Numerical experiments for QCD-like theories.

Guest Editors

Prof. Dr. David Blaschke

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Deadline for manuscript submissions

closed (31 May 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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