





an Open Access Journal by MDPI

New Frontiers in Astroparticle Physics: From Nuclear Reactions to Multimessenger Astronomy

Guest Editors:

Dr. Marcello Abbrescia

Department of Physics (Interuniversity), University of Bari Aldo Moro, 70121 Bari, Italy

Prof. Dr. Marina Trimarchi

1. Dipartimento di Scienze Matematiche e Informatiche, Scienze Fisiche, Scienze della Terra, Università degli Studi di Messina, viale F. Stagno d'Alcontres, 31, 98166 Messina, Italy

2. INFN Sezione of Catania, 95123 Catania, Italy

Deadline for manuscript submissions:

closed (31 July 2023)

Message from the Guest Editors

This Special Issue aim to provide a state-of-the-art summary of all most recent discoveries and developments, making an effort to combine the information coming from different fields and techniques of investigation. Contributions are expected to address, but are not limited to, the following areas:

- Multimessenger astronomy;
- Gravitational waves;
- Nuclear reactions of astrophysical interest;
- Astroparticle physics;
- Detection techniques for astroparticle physics;
- Dark matter and dark energy, [...]

For further reading, please follow the link to the Special Issue Website.











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

Contact Us