



universe



an Open Access Journal by MDPI

Neutrino Oscillations

Guest Editors:

Dr. Vito Antonelli

Dipartimento di Fisica, Università degli Studi di Milano and I.N.F.N. Sezione di Milano, Via Celoria, 16-20133 Milano, Italy

Prof. Dr. Lino Miramonti

1. Dipartimento di Fisica, Università degli Studi di Milano, via Celoria 16, I-20133 Milano, Italy
2. INFN, Sezione di Milano, via Celoria 16, I-20133 Milano, Italy

Deadline for manuscript submissions:

closed (10 February 2022)

Message from the Guest Editors

Dear Colleagues,

The study of neutrino properties has always been a central topic of elementary particle physics and astrophysics, and it offers a unique opportunity of creating a link between these two disciplines.

Almost one century after its proposal by Pauli and sixty years after its experimental discovery by Cowan and Reines, we still do not have a clear view of many properties of this elusive and fascinating particle. Which is the exact value of its mass, why it is so light, and which hierarchy did nature choose for its mass eigenvalues? Is it a Dirac or Majorana particle? How big is the CP violation in the leptonic sector? The answers to these open questions would surely have a great impact on elementary particle physics, astrophysics, and cosmology, helping us in the search for the right extension of the Standard Model of electroweak interactions and offering a unique insight into the knowledge of fundamental interactions.

For further information, please visit mdpi.com/si/24236.

Prof. Dr. Vito Antonelli
Prof. Dr. Lino Miramonti
Guest Editors



mdpi.com/si/24236

Special Issue



universe



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

Contact Us

Universe Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/universe
universe@mdpi.com
[X@Universe_MDPI](https://twitter.com/Universe_MDPI)