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Neutrino Oscillations

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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.

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Special Issue



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Editor-in-Chief

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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.

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