

Special Issue

Neutrinos from Astrophysical Sources

Message from the Guest Editors

Neutrinos are one of the most intriguing constituents of the standard model (SM) of particle physics. In fact, their flavor oscillations are one of the best-known phenomena that ensure the need for physics beyond the SM. Moreover, given that neutrinos are known to have special characteristics, they are likely to share additional connections with new physics. Neutrinos are unique cosmic messengers. Therefore, it is possible to perform pointing studies and also to explore the physics of astrophysical neutrino sources. Another nice feature of astrophysical neutrinos is that they are extremely multi-disciplinary tools and can be combined with, for instance, gravitational-wave searches. Neutrino astronomy allows us to examine other phenomena in addition to fundamental neutrino properties. This Special Issue will provide a pool of scientific publications that cover the most appealing aspects of astrophysical neutrinos, from the point of view of both the study of well-known phenomena and the search for new physics. Reviews and original submissions on those or connected topics are very welcome. For more information, please visit: mdpi.com/si/65697.

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About the Journal

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.

Editor-in-Chief

Prof. Dr. Lorenzo Iorio

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