Special Issue

Pulsar Magnetosphere and Wind

Message from the Guest Editor

Neutron stars are fascinating astrophysical objects immersed in strong gravitational and electromagnetic fields. They usually manifest as pulsars, emitting a very stable and broadband electromagnetic signal detected from the radio wavelength up to the hardest gamma rays in the GeV and TeV range. Recent years have witnessed dramatic progress in our understanding of pulsar physics thanks to the development of numerical simulations, laying down the fundamental theoretical aspects of their magnetosphere and wind. Therefore, a global but still rather qualitative picture has slowly emerged on the largest scale. However, some considerations about pulsar magnetospheres remain speculative. Given the current exciting developments on both theoretical and observational sides, a Special Issue focusing on neutron star magnetosphere and wind is timely. This Special Issue will report recent progress in pulsar electrodynamics, providing the reader with an up-to-date overview of the recent advances in the field, reflecting the current state-of-the-art and progress expected in the near future. For more information, please visit: mdpi.com/si/67215.

Guest Editor

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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

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