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Pulsar Astronomy

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Message from the Guest Editors

Pulsars are a type of fast-rotating magnetized neutron stars that emit beamed multi-wavelength electromagnetic radiation. At present, more than 3500 pulsars have been discovered with different telescopes, from radio to X-ray and gamma rays. Pulsars provide a lab for the strong magnetic field, dense-matter physics and strong gravity in the universe.

Pulsar astronomy is still developing; e.g., FAST will discover more pulsars, including special binary neutron star systems. This Special Issue collects reviews and research articles on observations and theories related to pulsars, focusing on the recent progress of multiple dimensions in pulsar astronomy, including the structure and internal composition of pulsars (a neutron star or strange star), observational properties of pulsars in different bands, magnetars, millisecond pulsars in binaries, binary neutron stars and gravitational wave detection [...].

For further reading, please follow the [link](#) to the Special Issue Website.



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Special Issue



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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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