

Special Issue

Particle Acceleration Processes in Astrophysical Jets

Message from the Guest Editors

This Issue reviews our current understanding of the particle acceleration processes at work in the jets of various extreme Galactic and extragalactic objects: protostars, X-ray binaries, microquasars, Fermi bubbles (as relics of Seyfert-type active Galactic nuclei), blazars, radio galaxies, and gamma-ray bursts. It emphasizes unresolved problems, and the importance of multiwavelength monitoring and high-resolution simulations for insight into the physical processes operating in the jets of various objects over a range of distances from the central engine.

https://www.mdpi.com/journal/galaxies/special_issues/ParticleJets

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About the Journal

Message from the Editorial Board

Galaxies provides an advanced forum for studies related to astronomy, astrophysics, and cosmology, including all of their subfields. Different formats, such as specialized research articles, reviews, communications and technical notes are welcomed. Manuscripts containing original and creative research proposals and ideas are especially appreciated.

We encourage scientists to publish their astronomical observations and theoretical results in as much detail as possible. There is no restriction on the paper length and full experimental and methodological details, as applicable, should be provided. All papers will be peer reviewed promptly. On behalf of the distinguished members of the editorial board, I extend my welcome to all researchers working on these subjects to contribute to *Galaxies*.

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