

Special Issue

X-ray Jets from Massive Black Holes

Message from the Guest Editor

Massive black holes exist in the nuclei of nearly all bright galaxies. In active galactic nuclei, relativistic jets transport energy and mass from the sub-parsec central regions to megaparsec-scale lobes, in the process profoundly influencing the evolution of the host galaxy, its neighbors and the surrounding gaseous media. This Special Issue welcomes research articles focusing on X-ray jets from AGNs, their physics, and relation to the overall AGNs phenomena. We also welcome articles on the relationship of these jets to X-ray jet emissions seen in stellar-mass black hole sources. Of special interest are studies of the emission mechanism, its relation to particle acceleration and magnetic fields, and the broader impact of these jets on the interstellar and intergalactic medium of the galaxies and clusters in which they reside. For more details: <https://www.mdpi.com/si/150138>

Guest Editor

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Deadline for manuscript submissions

closed (15 October 2023)



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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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