

Special Issue

Studies in Properties of Accretion–Ejection Phenomena Around Black Holes

Message from the Guest Editors

In recent times, the observational results from the Chandra, Insight-HXMT, Einstein probe, GRAVITY, and EHT collaboration have renewed the interest of the astronomy community to understand the basic properties of black holes in the range of systems, namely X-ray binaries to AGNs. The focus of studies has been to investigate the high-energy astrophysical phenomena associated with accretion–ejection processes around black holes. The goal of this issue is to bring together papers and reviews from experts dealing with theoretical, numerical, and observational studies. We invite all the researchers, young to seniors, to contribute to this Special Issue so that interested readers can obtain a better overview of the physical processes that have been observed along with the models proposed and the state-of-the-art numerical simulation results. The study of these and other related topics are the goal of this special issue, [...] For further reading, please follow the [link](#) to the Special Issue Website.

Guest Editors

Dr. Chandra Singh
Dr. Kaushik Chatterjee
Dr. Zhiyuan Pei

Deadline for manuscript submissions

closed (31 December 2025)



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Universe
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
universe@mdpi.com

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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

Prof. Dr. Lorenzo Iorio
Ministero dell' Istruzione e del Merito, Viale Unità di Italia 68, 70125 Bari,
Italy

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