Special Issue

Panchromatic View of the Life-Cycle of AGN

Message from the Guest Editor

In the last two decades, the unified models of active galactic nuclei (AGN) have been able to explain several of their observational properties. Whereas the simple orientation-based unification model works as a first-degree approximation, the reality is more complicated, and there is a host of different parameters at play. Statistical methods, aimed at simplifying multidimensional data, and in particular the so-called eigenvector 1 (EV1), have proven to be a useful tool in studying AGN grand unification. The position of a source on the EV1 is believed to be a combination of observational (mainly inclination) and physical properties, with the Eddington ratio acting as the main driver. However, different stages of AGN evolution can also appear as different classes of sources. Indeed, mounting evidence shows that the AGN life-cycle, that is, how AGN are born, how they grow, and how they interact with their closest environment, likely plays an essential role in this grand-unification scenario.

Guest Editor

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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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