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Star and Planet Formation

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Deadline for manuscript
submissions:

closed (31 July 2023)

Message from the Guest Editors

Dear Colleagues,

In this Special Issue, we focus on the formation and evolution of disks in YSOs, together with related phenomena and their relationships with the properties of the central star. We aim to highlight the key roles of recent (e.g., TNG/GIARPS) and new (e.g., JWST) facilities in enriching our knowledge on the accretion and ejection properties of stars in young clusters in different environments and with different metallicity (particularly those within our Galaxy and the Magellanic Clouds); moreover, we aim to discuss the opportunities and challenges of the next generation of multi- (e.g., VLT/MOONS, VISTA/4MOST, WHT/WEAVE, and MSE) and single- (e.g., NTT/SOXS and VLT/CUBES) object spectrographs, but also through photometric surveys (such as those within the Rubin-LSST facility). In addition, we welcome papers on high-angular-resolution investigation of YSOs based on active instruments such as VLT/SPHERE and MUSE. Our final aim is to understand the mechanisms at the origin of the disk structures and if/how they are connected to the presence and/or formation of protoplanets.



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Special Issue



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Editor-in-Chief

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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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