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Stellar Ecology

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Deadline for manuscript
submissions:

closed (10 September 2022)

Message from the Guest Editor

This Special Issue aims to capture some of the diverse ways in which stars interact with their environment, both on their own and as populations, both as actors and as subjects. A series of invited reviews will cover core topics, ranging from feedback during stellar birth and stellar death, through interactions with planets, companion stars, the interstellar medium and an active galactic nucleus, to the chemical and morphological evolution of star clusters and galaxies. Seen in isolation, these processes may be understood in terms of physical interactions. As part of a complex system, the outcomes can become less obvious. Taken as a whole, stellar ecology is driven by the Universe's natural tendency towards equilibrium, the intimate connection between entropy and time, resulting in both creation and destruction of structure.

We welcome further contributions that advance the Stellar Ecology theme, including those that examine parallels with non-astronomical eco-systems. We may be able to waive the processing charges for a small number of authors from under-represented groups and/or particularly novel approaches of high quality and clarity.



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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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