

Special Issue

Dust Evolution in Galaxy and Galaxy Cluster Models

Message from the Guest Editor

This Special Issue aims to collect papers on models of the evolution of dust in the ISM and ICM in cosmological contexts, and on the physical processes that are relevant for these kinds of computations. Review papers are also welcome. A proper understanding of galaxy formation and evolution, and a comparison between models and data requires a treatment of the evolution of dust properties, and a modeling of the effect of dust on galaxy evolution. This is a relatively unexplored topic. Most of the published work in this direction has been in the context of one-zone or monolithic models. Only in last few years have some efforts begun to be done in cosmological simulations and semi analytic galaxy formation models.

Guest Editor

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Deadline for manuscript submissions

closed (4 March 2022)



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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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