



## Dark Cosmology: Shedding Light on Our Current Universe

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Deadline for manuscript  
submissions:

**closed (31 December 2021)**

### Message from the Guest Editors

Dear Colleagues,

The main purpose of this Special Issue is to face the idea of “dark cosmology” by proposing alternative treatments to the  $\Lambda$ CDM model, which relate theoretical considerations with observations; in other words, alternative scenarios which consider  $\Lambda$  as interchangeable with other possibilities, passing through phenomenological dark energy constructions, up to alternative frameworks based on modified gravity. Although we embrace several scenarios, which consider different epochs of the universe’s evolution, we strongly encourage those works which make use of observations and numerical constraints. Therefore, we warmly welcome manuscripts based on the interplay between theory and experiments in subjects like dark energy, dark matter, small perturbations, early time cosmology, quantum gravity, extended theories of gravity, etc.

Dr. Orlando Luongo  
Dr. Hernando Quevedo  
*Guest Editors*





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## 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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