



## Special Issue on Gravitation, Astrophysics and Cosmology

### Call for Papers

Astrophysics and Cosmology involve the study of the physical processes that govern the behavior of astronomical objects, and the study of the origin, evolution, composition, and fate of the Universe as a whole. Many of the most vexing and fundamental unsolved problems in physics are being tackled by our group. The majority of the matter in the Universe is not made of the standard model particles we know, but instead of a new component of the Universe, dark matter. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Gravitation, Astrophysics and Cosmology**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **Gravitation, Astrophysics and Cosmology**. In this special issue, potential topics include, but are not limited to:

- The origin, evolution, composition, and fate of the universe
- The experimental, theoretical and observational cosmology
- Evolution of galaxies and clusters
- Methods of creating entanglement
- Numerical relativity and gravitational wave physics
- Quantum gravity and extra dimensions
- Newton's universal gravitation
- Extragalactic observational astronomy
- Analysis and interpretation of cosmic microwave background data
- Galaxy cluster physics
- Galaxy formation and evolution
- High-energy and multimessenger astrophysics

Authors should read over the journal's [Authors' Guidelines](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Gravitation, Astrophysics and Cosmology**” should be selected during your submission.

Special Issue timetable:



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Submission Deadline	December 30th, 2020
Publication Date	February 2021

**Guest Editor:**

For further questions or inquiries  
Please contact the Editorial Assistant at  
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