



Special Issue on Gravitation, Astrophysics and Cosmology

Call for Papers

Relativistic Astrophysics and Cosmology focuses on the theoretical and computational modeling, and experimental studies of some of the most extreme environments in the universe, ranging from the Big Bang to compact objects such as neutron stars and black holes. 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:

- Scale of earth, sun, galaxy and universe
- Astronomical detectors and techniques
- Stars and galaxies
- Black holes and wormholes
- Earth geological and climatic history
- Life on earth and in the universe
- Astronomy measures positions, luminosities, motions and other characteristics
- Astrophysics creates physical theories of small to medium-size structures in the universe
- Observational astrophysics
- Extra dimensions and variation of constants
- Strings, branes, higher spin fields, quantum gravity
- Theoretical astrophysics
- Newton's law of gravitation
- Gravitation: The spacetime structure
- Physical cosmology

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:



Submission Deadline	November 16th, 2022
Publication Date	January 2023

Guest Editor:

For further questions or inquiries
Please contact the Editorial Assistant at
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