

Special Issue

Quantum Gravity Phenomenology II

Message from the Guest Editors

Quantum gravity is expected to be important at Planck lengths, i.e., 10–33 cm. However, indirect effects might be observed in astrophysical phenomena, cosmological observations, and “in the lab” experiments. It is important to study such effects and design/predict experiments which will confirm the existence of a quantum theory of gravity. With gravitational waves providing a new window of observation to the physics of the Universe, we expect that gravitons or quantized gravitational waves will also be discovered. There are also various approaches to quantization of gravity, and their predictions for observational physics. At this time, an issue devoted to quantum gravity phenomenology will be important.

Guest Editors

Dr. Arundhati Dasgupta

Department of Physics and Astronomy, University of Lethbridge,
Lethbridge, AB T1K 3M4, Canada

Dr. Alfredo Iorio

Institute of Particle and Nuclear Physics, Faculty of Mathematics and
Physics, Charles University, V Holesovickach 2, 18000 Prague 8, Czech
Republic

Deadline for manuscript submissions

closed (20 January 2023)



Universe

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.2



mdpi.com/si/136010

Universe
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
universe@mdpi.com

mdpi.com/journal/

universe





Universe

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.2



[mdpi.com/journal/
universe](https://mdpi.com/journal/universe)



About the Journal

Message from the Editor-in-Chief

The multidisciplinary journal *Universe* 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 Advisory and Editorial Boards, I extend my welcome to this journal and look forward to hearing from the interested contributors and learning about their valuable research.

Editor-in-Chief

Prof. Dr. Lorenzo Iorio
Ministero dell' Istruzione e del Merito, Viale Unità di Italia 68, 70125 Bari,
Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Astrophysics Data System, INSPIRE, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Astronomy and Astrophysics) / CiteScore - Q2 (General Physics and Astronomy)