



universe



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## Quantum Gravity Phenomenology II

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Deadline for manuscript  
submissions:

**closed (20 January 2023)**

### Message from the Guest Editors

Dear Colleagues,

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.

Dr. Arundhati Dasgupta

Dr. Alfredo Iorio

*Guest Editors*



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# Special Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

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

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