

Special Issue

Quantum Gravity Phenomenology and Experimental Implications

Message from the Guest Editor

The quantum theory of gravity is expected to give us a concrete picture of the origin and structure of the universe. Various attempts to formulate quantum gravity have been made in recent decades and formulating this theory remains one of the most important problems in physics. These attempts have included superstring theories, loop quantum gravity, non-commutative geometry, causal sets, etc. The main goal of this Special Issue is to provide a collection of state-of-the-art papers on these topics. We invite submissions related to experimental, theoretical or numerical works which provide concrete predictions of quantum gravity theories that can be tested in a laboratory or using cosmological and astrophysical observations.

- Quantum gravity
- Black holes
- Gravitational waves
- Dark matter and dark energy

Guest Editor

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Deadline for manuscript submissions

closed (15 July 2017)



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Message from the Editor-in-Chief

Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

Editor-in-Chief

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