

# Topical Collection

## Probing Quantum Gravity

### Message from the Collection Editor

Experimental and observational tests are key in any area of physics, including quantum gravity, where the difference in scales between the Planck scale and directly accessible energy scales poses a well-known challenge to attempts that bridge the gap between theory development and observations.

This feature paper collection will provide a broad overview of the current status and future prospects of probes of quantum gravity. Contributions are invited from all theoretical approaches to quantum gravity, as well as from a perspective focused on experiments/observations, where novel opportunities for quantum gravity could arise. In particular, contributions that bridge (perceived) boundaries between fields are very highly welcomed!

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### Collection Editor

Prof. Dr. José Velhinho

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## Universe

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## 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.

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### Editor-in-Chief

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