



Search for New Physics at the LHC and Future Colliders

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Message from the Guest Editors

The aim of this Special Issue is to provide an exhaustive review of the status and prospects of the search for new physics at the LHC and future high energy colliders. This Special Issue welcomes both reviews and articles with both theoretical and experimental aims and both direct and indirect methods in new physics searches. Suggested topics include (but are not limited to) the following types of papers:

- Reviews on new physics searches at LHC;
- Reviews on new physics searches at future high-energy colliders;
- Experimental searches for new phenomena at the LHC;
- Theoretical predictions in new physics at the LHC or future colliders;
- Phenomenological studies in new physics and the corresponding collider tests;
- Novel techniques in phenomenological studies or data analysis;
- Constructions of novel observables sensitive to new physics at colliders;
- Probing new physics in Pb-Pb collisions;
- New techniques to improve the LHC and future collider experiments;
- Any other topics corresponding to searching for new physics at the LHC or future high energy colliders.





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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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