Special Issue

Search for New Physics at the LHC and Future Colliders

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.

Guest Editors

Dr. Kechen Wang

Department of Physics, School of Science, Wuhan University of Technology, Wuhan 430070, Hubei, China

Dr. Ying-nan Mao

Department of Physics, School of Science, Wuhan University of Technology, Wuhan 430070, Hubei, China

Deadline for manuscript submissions

closed (31 October 2024)

Universe

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Impact Factor 2.6
CiteScore 5.2

mdpi.com/si/121898

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

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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.

Editor-in-Chief

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

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