

# Special Issue

## Advances in Nuclear Physics

### Message from the Guest Editors

Atomic nuclei are complex quantum systems consisting of two kinds of strongly interacting fermions. The goal of nuclear physics is to unravel their properties from their building blocks, protons and neutrons, and to determine the link between residual interaction between those to their underlying quark-gluon degrees of freedom of quantum chromodynamics (QCD). The goal of the Special Issue is to publish the most recent research results in experimental and theoretical nuclear physics. Topics suited for this Special Issue include but are not limited to: - Nuclear forces and connections to QCD - The limits of nuclear stability - Structure of exotic nuclei, shell evolution - Reaction mechanisms - Theoretical models - Applications

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2021)



## 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  
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