

# Special Issue

## Astroparticle Physics

### Message from the Guest Editor

Dear colleagues, In our time, we are experiencing a very interesting moment in the development of astroparticle physics as existing experimental facilities gradually exhaust their potential, soon to be overtaken by new, even more sensitive detectors. This tendency is clearly discernible in gamma-ray astronomy, where the Cherenkov Telescope Array (CTA) will shortly supplement and, after some time, take over the currently operating imaging atmospheric Cherenkov telescopes H.E.S.S., MAGIC, and VERITAS; in cosmic ray physics, where the extensions for the Pierre Auger Observatory (PAO) and Telescope Array (TA) experiments are proposed; and, of course, in neutrino astrophysics, dark matter physics, and gravitational wave astronomy. This portends a bright future for astroparticle physics. Therefore, we believe that the time is auspicious to publish a Special Issue on astroparticle physics. We welcome both original and review papers on gamma-ray astronomy, cosmic ray physics, neutrino astrophysics, dark matter physics, and multimessenger astrophysics.

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### Guest Editor

Dr. Timur Dzhatdoev  
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### Deadline for manuscript submissions

closed (30 September 2022)



## 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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