

# Special Issue

## Advances in Cosmology and Subatomic Particle Physics

### Message from the Guest Editors

Cosmology and elementary particle physics research in the Russian Federation has a glorious past and a humble present. Russia has given the world a number of physicists who have made important discoveries in these scientific fields. One only needs to recall the names of Landau, Zeldovich, Pontecorvo, Sakharov, etc. Now, the scientific coordination of Russian participation and cooperation in the national and international mega-projects through institutions, facilities, and experiments are in full momentum. Particle physics and cosmology are intimately entwined. This Special Issue will be hosted in an open access, peer-reviewed journal which publishes original and quality research on all aspects of particle physics and cosmology. It will provide a better scope for Russian scientists to publish theoretical, phenomenological, and experimental research in particle physics and cosmology, including all interface areas with particle astrophysics and cosmology.

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### Guest Editors

Prof. Dr. Chitta Ranjan Das

Prof. Dr. Alexander S. Barabash

Prof. Dr. Vitalii A. Okorokov

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### Deadline for manuscript submissions

closed (1 February 2023)



## 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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