

# Special Issue

## Supersymmetric Quantum Theory

### Message from the Guest Editor

The Special issue “Supersymmetric Quantum Theory” will cover the whole combined field of Supersymmetry applied to Quantum Theory in its widest sense. As the interface between mathematics and physics, the Special Issue should serve as a meeting place for theoretical and mathematical physicists and mathematicians. Certainly, one important aspect will be Superstring Theory. Other possible areas will be representation theory of various supersymmetric objects, supergravity, superconformal field theories, supersymmetric objects, super integrable systems, AdS/CFT, relativistic and nonrelativistic holography, gauge super field theories, noncommutative quantum theories, supersymmetry in dynamical systems, and supersymmetry in condensed matter and statistical physics. Keywords

- quantum theory
- supersymmetry
- representation theory
- superstrings
- supersymmetric models

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### Guest Editor

Prof. Dr. Vladimir Dobrev

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### Deadline for manuscript submissions

closed (30 October 2020)



## 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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