Special Issue

Recent Advances in Quantum Mechanics and Mathematical Physics

Message from the Guest Editor

In this issue, we embark on a journey to explore innovative ideas and recent advances in the realms of quantum mechanics, quantum gravity, and mathematical physics. Our primary focus is on uncovering novel foundational concepts, including those that challenge the very bedrock of our understanding of physics. However, we also value contributions that build upon the existing consensus, offering fresh perspectives or enhancing current theories. We invite you to join us in this delicate and exciting process of scientific discovery. We hope to inspire a dialogue that not only questions the current foundations of physics but also seeks to build upon them, in the hope of fostering a deeper and more comprehensive understanding of the subatomic world as well as the universe.

Guest Editor

Prof. Dr. Espen Gaarder Haug

School of Economics and Business, Norwegian University of Life Sciences, 1430 Ås, Norway

Deadline for manuscript submissions

closed (1 October 2025)



Axioms

an Open Access Journal by MDPI

Impact Factor 1.6



mdpi.com/si/215008

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

mdpi.com/journal/axioms





Axioms

an Open Access Journal by MDPI

Impact Factor 1.6



About the Journal

Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of Axioms is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Humberto Bustince

Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

Author Benefits

Open Access

 free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility:

indexed within SCIE (Web of Science), dblp, and other databases.

Journal Rank:

JCR - Q2 (Mathematics, Applied)

