



New Advances in Applied Probability and Stochastic Processes

Guest Editor:

Dr. Damjan Škulj

Faculty of Social Sciences,
University of Ljubljana,
Kardeljeva pl. 5, SI-1000
Ljubljana, Slovenia

Deadline for manuscript
submissions:

closed (31 May 2024)

Message from the Guest Editor

Dear Colleagues,

For this Special Issue, we seek original, previously unpublished research papers of high quality in the field of applied probability and stochastic processes. Contributions on relevant aspects of current topics in the general theory of probability and stochastic processes are welcome, as are those dealing specifically with the modelling of uncertainty, imprecise probabilities, or fuzzy probabilities. Contributions dealing with the application of the theories of probability and stochastic processes to the solution of real-world problems are particularly welcome.

Keywords

- applied probability
- Markov processes
- stochastic analysis
- copulas
- imprecise probabilities
- fuzzy probability
- risk modelling
- uncertainty
- reliability
- numerical methods in probability
- probabilistic optimization
- probability in finance





Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and
Informatics, De Montfort
University, The Gateway,
Leicester LE1 9BH, UK

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Author Benefits

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

High Visibility: indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank: JCR - Q1 (*Mathematics*) / CiteScore - Q1 (*General Mathematics*)

Contact Us

Mathematics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/mathematics
mathematics@mdpi.com
[X@MathematicsMDPI](https://twitter.com/MathematicsMDPI)