



## Probability, Stochastic Processes and Optimization

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (31 May 2023)**

### Message from the Guest Editors

Dear Colleagues,

In applied research, Probability Theory is usually regarded as a distant, often neglected relative of Statistics. We try to rectify this misconception by publishing papers underlying new applications and original models for real-world problems, from either natural, computer or social sciences that are based on Probability and Stochastic Processes. The suggested, yet not restrictive, topics include the following:

- Optimization;
- Cellular automata;
- Bayes analysis;
- Markov processes and related topics;
- Hidden Markov processes;
- Applications of stochastic processes in Economics, Finance, Social Sciences, etc.;
- Stochastic modeling;
- Measures of divergence and entropy;
- Clustering;
- Monte Carlo simulations.





## Editor-in-Chief

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School of Computer Science and  
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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.

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

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