Special Issue

Advances in Stochastic Modelling

Message from the Guest Editor

We have the pleasure to invite you to submit a paper to the Special Issue entitled "Advances in Stochastic modelling", which will be published in the MDPI journal *Axioms*. Stochastic modelling generally refers to the mathematical representation of systems or processes characterized by random evolution. The possibility of using specific mathematical tools in order to quantify the dynamic relationship of sequences of random events can play an important role in interpreting a wide set of problems. It is a general and versatile tool that allows combining mathematics with neural learning, bioinformatics, finance, statistics and applied probability, etc.For this Special Issue, we welcome the submission of research studies and possibly reviews related to any stochastic model. The scope of topics includes, but is not limited to, the following: probability; statistics; linear algebra; calculus; measure theory; topology Fourier analysis; functional analysis; Markov, Lévy, and Martingale processes; simulation methods for stochastic models (Monte Carlo); and applications in life sciences, social sciences, and finance.

Guest Editor

Dr. Ilaria Cacciari
Institute of Applied Physics "Nello Carrara" - CNR, Florence, Italy

Deadline for manuscript submissions

closed (31 December 2022)

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

mdpi.com/journal/axioms

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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

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