

Special Issue

Advances in Statistical Simulation and Computing, 2nd Edition

Message from the Guest Editors

We welcome original research articles and high-quality review papers that contribute to theoretical advances, methodological innovations, and applied developments in statistical simulation and computing. Topics of interest include, but are not limited to:

- Monte Carlo methods and advanced stochastic simulation techniques;
- Simulation-based inference;
- Bayesian computation;
- High-dimensional and hierarchical models, latent variable models, and complex dependency structures;
- Simulation of stochastic processes;
- Computational statistics and algorithmic advances for large-scale data analysis;
- Parallel, concurrent, distributed, and GPU-based computing applied to statistical simulation;
- Probabilistic programming and computational frameworks for statistical modeling;
- Interfaces between statistical simulation and machine learning;
- Reproducible research, open-source software, and benchmarking studies in statistical simulation;
- Applications in health sciences, environmental and climate modeling, engineering, risk analysis, and uncertainty quantification.

Guest Editors

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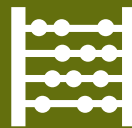
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Message from the Editor-in-Chief

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

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