Dynamics under Uncertainty: Modeling Simulation and Complexity II

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submissions:
closed (28 April 2023)

Message from the Guest Editors

This Special Issue will collect high-quality papers addressing uncertain dynamics, their modeling, and their simulation. Submitted papers should not have been previously published or be currently under consideration for publication elsewhere.

We invite authors to submit original research articles that propose novel modeling and simulation of uncertain complex systems in various fields of natural science.

Potential topics include but are not limited to the following:

- Stochastic dynamics, SPDE;
- Random dynamical systems;
- Rough path analysis, random matrix;
- Uncertain dynamics, fuzzy dynamics, rough dynamics;
- Network analysis of complex dynamics;
- Hybrid uncertainty analysis;
- Simulation and complexity of dynamics under uncertainty.

Special Issue

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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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