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Special Issue on Applied Probability

Call for Papers

Probability theory is the mathematical theory of objects and processes in which randomness plays a role. Many complex systems in nature and society though in principle maybe deterministic behave very much like random systems. Therefore probability theory is omnipresent and extremely useful in systems where a deterministic description is impossible or inefficient. Examples from society include fluctuations of stock markets, uncertainty in railway networks, risk and insurance and reliability. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Applied Probability**.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Applied Probability**. In this special issue, potential topics include, but are not limited to:

- Sample space, events, and probabilities
- Random variables and probability distributions
- Conditional number expectation and conditional probability
- Random process
- Stochastic simulation
- Calculating expectations
- Probabilistic applications of convexity, inequalities, and optimization theory
- Combinatorics and combinatorial optimization

Authors should read over the journal's For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's Paper Submission System.

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed to be specified and the research field "**Special Issue - *Applied Probability***" should be chosen during your submission.

According to the following timetable:

Submission Deadline	May 26th, 2021
Publication Date	July 2021

Guest Editor:

For further questions or inquiries

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ojs@scirp.org