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Special Issue on Probability and Its Applications

Call for Papers

Probability, or likelihood, is a basic concept which is used to estimate how likely it is that some random events will happen. The value of probabilities is a real number between 0 and 1, while 0 means the event will not happen, and 1 means the event sill must happen. In applied mathematics, people always study probability through probability theory, which is the analysis of random phenomena. More precisely, probability theory is mainly about simulating the cases that an experiment producing different results in the same situations. Probability and its theory are widely used in every field, such as risk and investment management, trade on financial markets, environment regulation and even in some games. There is no doubt that probability plays an important role in helping people making decisions. 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 research on the **probability and its applications.**

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring **probability and its applications**. Potential topics include, but are not limited to:

- Probability theory
- Probability distributions
- Central limit theorem
- Bayes' theorem
- Applications in real life of probability

Authors should read over the journal's Authors' Guidelines 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 - *Probability and Its Applications***" should be chosen during your submission.

According to the following timetable:

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Publication Date	December 2012

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