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## Fractional Calculus: Application to Chaos and Statistics

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Deadline for manuscript submissions:  
**closed (15 December 2020)**

### Message from the Guest Editor

This Special Issue will focus on the theory and applications of fractional-order derivatives and fractional-order integrals in different aspects of Chaos and Statistics. We welcome manuscripts regarding complex dynamical systems, nonlinearity, chaos, synchronization, neural networks, or fractional dynamics in computational biology. It will also explore fundamental and application issues with the new derivatives in established areas of scientific computation, chaos and statistics, and emerging fields.

Potential topics include, but are not limited to, the application of fractional differential operators to:

- fractional calculus;
- chaotic processes;
- computational biology;
- non-Markovian processes;
- ...



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Special Issue



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## Editor-in-Chief

### **Prof. Dr. Kevin H. Knuth**

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## Message from the Editor-in-Chief

The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

*Entropy* is an online open access journal providing an advanced forum for the development and/or application of entropic and information-theoretic studies in a wide variety of applications. *Entropy* is inviting innovative and insightful contributions. Please consider *Entropy* as an exceptional home for your manuscript.

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