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## Editorial Board Members' Collection Series: Nonequilibrium Dynamics and Statistical Theory in Plasmas Physics

Guest Editors:

**Dr. Eun-jin Kim**

Centre for Fluids and Complex Systems, Coventry University, Coventry CV1 2TT, UK

**Prof. Dr. Geert Verdoolaege**

Research Unit Nuclear Fusion, Department of Applied Physics, Ghent University, Sint-Pietersnieuwstraat 41, B-9000 Ghent, Belgium

Deadline for manuscript submissions:

**closed (15 May 2024)**

### Message from the Guest Editors

Plasmas in nature and laboratories are often strongly nonlinear, far from equilibrium. With the ability to be excited on a broad range of scales, numerous instabilities cause anomalous transport, events of large amplitude or intermittency. In fact, plasmas found in laboratories (e.g., magnetically confinement fusion) and nature (e.g., the Sun, stars) constitute an example of nonequilibrium systems wherein multiple scales are excited and interact with each other in a complex way, a proper description of which has always been a challenge in many disciplines.

This Special Issue aims to present different approaches to this challenging problem in plasmas by going beyond equilibrium statistical mechanics. Submissions reporting recent developments in theory, numerical simulations and experiments are especially welcome.



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# Special Issue



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## Editor-in-Chief

### Prof. Dr. Kevin H. Knuth

Department of Physics, University  
at Albany, 1400 Washington  
Avenue, Albany, NY 12222, USA

## 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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Entropy Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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