Special Issue

Information Theory Applied to Communications and Networking

Message from the Guest Editors

The Special Issue focuses on contributions based on Shannon's information concepts applied to problems in communications and networking. When Shannon introduced his version of "entropy" and the related concept of "mutual information", he had problems in electrical communication in mind. Since then his theory has found a wide range of applications also outside the central field of telecommunications. The goal of this special issue is however to provide a modern view on problems in communications and networking, and the use of Shannon's notions to understand and characterize fundamental opportunities and limitations. Prospective contributions should consider theory and problems motivated by the wide area of communications and networking. Shannon's original concepts of entropy and/or mutual information should be of central importance.

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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.

Editor-in-Chief

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