

## Special Issue

# Information Theory and Coding for Wireless Communications

### Message from the Guest Editors

The goal of this Special Issue is to present the novel applications of Shannon's theory in wireless networks. We invite authors to submit previously unpublished contributions in any area related to applications of information theory in wireless communications including, but not limited to, the following subtopics:

- information theory in wireless systems;
- low-density parity-check (LDPC) codes;
- iterative decoding algorithms;
- channel coding techniques for 5G and satellite communications;
- multiple-input multiple-output (MIMO) channels;
- information theoretic analysis of cognitive radio systems;
- network information theory;
- wiretap channel and secrecy capacity;
- information processing theory;
- machine learning for the physical layer communications.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2022)



## Entropy

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## About the Journal

### 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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### Editor-in-Chief

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