Special Issue

Wireless Communications: Signal Processing Perspectives, 2nd Edition

Message from the Guest Editors

In this Special Issue, we welcome unpublished original papers and comprehensive surveys in the following theme:

- Beamforming, diversity, and MIMO techniques, including for IoT and energy efficiency;
- Massive MIMO;
- Cell-free and clustered cell-free MIMO;
- Antenna selection and antenna subset selection in large arrays;
- Reconfigurable intelligent surfaces (RISs);
- The use of unmanned aerial vehicles (UAVs) for wireless networking;
- Channel estimation and its impact on network performance;
- Physical-layer security;
- Relaying and cooperation;
- Self-organizing networks;
- Energy efficiency in wireless networks;
- Modulation and waveform design;
- Integrated sensing and communication.

Guest Editors

Prof. Dr. Sébastien Roy

Department of Electrical and Computer Engineering, University of Sherbrooke, Sherbrooke, QC J1K 2R1, Canada

Prof. Dr. Julian Cheng

School of Engineering, The University of British Columbia, Kelowna, BC V1Y 8L6, Canada

Deadline for manuscript submissions

31 December 2025

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/232915

Entropy
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
entropy@mdpi.com

mdpi.com/journal/entropy

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/journal/entropy

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.

Editor-in-Chief

Prof. Dr. Kevin H. Knuth
Department of Physics, University at Albany, 1400 Washington Avenue, Albany, NY 12222, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, PubMed, PMC, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Physics, Multidisciplinary) / CiteScore - Q1 (Mathematical Physics)

MDPI