Special Issue

Information Theory and 5G/6G Mobile Communications

Message from the Guest Editors

Topics of interest include, but are not limited to the following areas:

- Information theory applied to 5G/6G communication systems;
- Capacity bounds, code designs, applications;
- AI and machine learning technology applied to 5G and 6G wireless communications to tackle optimized physical layer design, complicated decision making, network management, and resource optimization;
- New interference and resource controls for 5G/6G communication systems;
- New system architectures stemming from the combination of computing, communication, and storage;
- Integration of wireless information and energy transfer;
- Big data technology for 5G/6G wireless networks;
- Novel waveform design and multiple access methods;
- Cell-free massive MIMO for 5G/6G communication systems;
- Holographic beamforming;
- Quantum communications, networks, and architecture;
- Integration of access backhaul networks;
- Breakthrough technologies and concepts.

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Deadline for manuscript submissions

closed (20 December 2021)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/38227

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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.

Editor-in-Chief

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