Meta-Heuristic Optimizations for the Security and Energy Efficiency of Wireless Sensor Networks

Guest Editors:

Prof. Dr. Jeng-Shyang Pan

Prof. Dr. Vaclav Snasel

Dr. Chin-Shiuh Shieh

Dr. Fang Fan

Deadline for manuscript submissions:
closed (31 August 2023)

Message from the Guest Editors

This Special Issue focuses on the research of information theory and optimization theory in WSNs, and collects new models, ideas and algorithms to solve the security and energy efficiency problems of WSNs. This Special Issue will accept unpublished original papers and comprehensive reviews focused on (but not restricted to) the following research areas:

- Information theory for WSNs;
- The application of optimization theory and technology in WSNs;
- Mathematical modeling for WSNs;
- Advanced algorithms to solve practical problems of WSNs;
- Protocol analysis and entropy concept in WSNs;
- Information security, network security and data security of WSNs;
- Energy efficiency of WSNs;
- New applications in WSNs;
- Application of artificial intelligence technologies in WSNs;
- Data analysis and experimental design in WSNs

mdpi.com/si/137287

Special Issue

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.

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)

Contact Us