Special Issue

Information Theoretical Security and Privacy

Message from the Guest Editor

Information-theoretical security is a new, groundbreaking approach to provide privacy and security for wireless communication networks, by exploiting the unique characteristics of wireless communication channels. Information-theoretical security uses advanced coding, communication, and signal processing techniques to provide confidentiality, privacy, authentication, and integrity. Original contributions are solicited in topics of interest to include, but not be limited to, the following:

- Secure methodologies and architectures for mobile and wireless networks
- Secure signal processing
- Secure fundamental theory
- Secure advanced spatial diversity techniques
- Secure resource
- Multi-user information theoretical security
- Cross-layer designs for security
- Security and privacy in the Internet of Things
- Security and quantum communications
- Trust, security, and privacy in e-government, e-systems, and social networking
- Trust, security, and privacy in cloud computing, performance of practical testbeds for PHY security
- Secure machine learning
- Binning methods for private authentication
- Privacy methods in database search algorithms

Guest Editor

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Deadline for manuscript submissions

closed (26 April 2022)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/96455

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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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