Special Issue

Information Security and Data Privacy

Message from the Guest Editor

Information theory, a foundational field in computer science and mathematics, offers unparalleled insights into the fundamental nature of information and communication. It is through the lens of information theory that we can decipher new methods with which to fortify data protection, advance cryptographic techniques, and develop strategies to safeguard privacy in the digital age. We extend an invitation to researchers, scholars, and practitioners worldwide to contribute their original research, reviews, and perspectives to this Special Issue. Topics of interest encompass, but are not confined to, the following:

- Information-theoretic cryptography.
- Privacy-preserving data analytics.
- Statistical inference for security.
- Information-theoretic metrics.
- Usable security and privacy.
- Security and privacy in the IoT and cyber–physical systems.
- Information security governance and management.
- Security and privacy of systems based on machine learning and A.I.

Guest Editor

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Deadline for manuscript submissions

closed (25 May 2025)

Entropy

an Open Access Journal by MDPI

Impact Factor 2.0
CiteScore 5.2
Indexed in PubMed

mdpi.com/si/185969

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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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