Data Security

Guest Editor:

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Deadline for manuscript submissions:
closed (31 July 2021)

Message from the Guest Editor

Recently, the deep learning technology has contributed greatly to the improvement of security technologies such as intrusion detection and authentication, and has been applied to many other information security fields.

This Special Issue seeks papers on these subjects. High-quality research in these areas is expected to increase the safety and availability of data analysis in the age of data, called the Fourth Industrial Revolution.

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

- Cryptographic approach for privacy-preserving data analysis
- Methods for privacy-preserving computing such as differential privacy
- Privacy attacks, e.g., AI-based attacks or privacy leakage from AI models
- Private information collection, storage, aggregation, and retrieval
- Security analysis in distributed systems
- Secure data storage
- Prediction of cyber attacks based on data analysis
- Machine learning for cyber security
- Security and privacy in machine learning
- Abnormality detection in data science

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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