

Special Issue

Novel Methods Applied to Security and Privacy Problems

Message from the Guest Editors

This Special Issue presents the latest research findings on novel theories and approaches to security and privacy. Over the years, researchers have tried to break through traditional security and privacy methods and have made a lot of progress, for instance with quantum computers, which has severely challenged traditional conservation methods. In order to meet the requirements of the new era and cope with the ever-changing means of attack, it is necessary to develop new, non-traditional methods and innovate traditional methods, such as lattice based, zero-knowledge proof, blockchain, and secure deep learning and machine learning. We welcome the latest research findings that suggest theories and practical solutions for security and privacy. The topics of interest include, but are not limited to, the following: (1) Lattice-based methods; (2) Zero-knowledge proof and secure multi-party computation; (3) Machine learning with novel secure privacy protection; (4) Blockchain with novel secure privacy protection; (5) Internet of Things with novel secure protection; (6) Other innovative security and privacy protection methods.

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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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