Special Issue

Internet of Things (IoT) Privacy and Security in the Age of Big Data

Message from the Guest Editors

With the development of the Internet of things (IoT), privacy and security have become the primary problems in IoT applications in the big data era. This Special Issue discusses the current challenges and solutions to secure IoT devices and applications to protect the security and privacy of all kinds of users' data. The objective of this Special Issue is to explore the recent advances that address the fundamental and practical challenges related to security and privacy in IoT. High-quality original research and review articles in this area are expected. Potential topics include, but are not limited to, the following:

- Privacy and Security in IoT and big data;
- Secure data sharing in IoT;
- Secure data analysis in IoT;
- Privacy protection computing in IoT
- Security, privacy and trust mechanisms in IoT and big data;
- Privacy preserving in IoT;
- Privacy enhanced computing in IoT;
- Cyber attacks in IoT and big data;
- Software security vulnerability analysis and mining in IoT;
- Machine-learning and privacy protection in IoT and big data.

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Deadline for manuscript submissions

closed (15 May 2025)

Electronics

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About the Journal

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.

Editor-in-Chief

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