

Special Issue

Precise Timing and Security in Internet of Things

Message from the Guest Editors

More and more IoT devices have been deployed in critical areas, whose security becomes the first line of defense for crucial data and contents. The objective of this Special Issue is to explore the recent advances in precise timing and security in the area of Internet of Things. We invite high-quality original research and review articles in this area for submission. Potential topics include, but are not limited to, the following:

- Time synchronization concepts tailored for IoT;
- Centralized and distributed time synchronization mechanisms for IoT;
- Theoretical time synchronization methods for IoT;
- Synchronization solutions for aerial IoT such as aerial swarms;
- Application of time synchronization in IoT;
- Experimental studies and practical time synchronization results for IoT;
- Design of novel security measures for IoT;
- Cyber attacks and their defenses for IoT;
- Radio frequency fingerprinting identification technologies for IoT;
- Hardware fingerprinting identification technologies for IoT;
- Wireless key generation methods for IoT.

Guest Editors

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Prof. Dr. Heng Wang

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Deadline for manuscript submissions

closed (15 July 2025)



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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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).