Special Issue

Resilience in IoT Networks

Message from the Guest Editors

In this Special Issue, we focus on the resilience of IoT systems. Resilience can be defined as the ability of certain systems to recover and continue to function after being affected by an unexpected event. In IoT, resilience involves not only networking aspects but also the applications that facilitate deployment of the offered services. We invite submissions related to resilient IoT solutions, including but not limited to:

- Reconfigurable sensor networks
- Opportunistic networks (OppNets)
- Delay Tolerant Networks (DTN)
- IoT based on OppNets and DTN
- Resilient in long-range and short-range topologies
- Security issues in IoT
- IoT without Internet
- Hybrid IoT infrastructures
- Smart vehicular networks supporting IoT
- Simulation and modeling IoT protocols
- Smart devices and services
- Novel wireless standards (LoRa, SigFox, etc.)
- Intelligent routing for IoT
- Green computing
- Fog computing
- Smart collaboration for IoT
- Autonomic computing for smart cities

https://www.mdpi.com/journal/electronics/special_issues/Resilience_IoT_Networks

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2022)

Electronics

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Impact Factor 2.6
CiteScore 6.1

mdpi.com/si/80640

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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 guestedited 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).

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