Special Issue

Emerging Networking Technologies for the Internet of Things

Message from the Guest Editors

Emerging networking technologies for the Internet of Things (IoT) help to transform the way we live, work, and interact with the surrounding environment. Recent wireless and mobile technologies (e.g., LPWAN, Wi-Fi 6, 5G/6G), edge computing, software-based networking, and other emerging paradigms promise to foster a wide range of IoT applications in areas such as smart living, industry, and healthcare, among many others.Topics of interest in the Special Issue include (but are not limited to) one or more of the following topics:

- LPWAN technologies;
- 5G/6G support for IoT environments;
- Emerging wireless network architectures and protocols for IoT;
- Challenges and solutions in sensor networks;
- Cloud/Fog/Edge architectures and solutions for IoT;
- SDN/NFV in IoT context;
- Green IoT network technologies;
- Emerging paradigms and technologies for managing and monitoring IoT networks;
- IoT network traffic modelling and characterization (AI-based or other);
- Performance and quality metrics for evaluating IoT networks and services;
- Emerging network models for IoT security, privacy, and trust;
- Innovative network solutions for Industrial IoT.

Guest Editors

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Deadline for manuscript submissions

closed (15 June 2024)

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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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