Special Issue

Future Networks: New Advances and Challenges, Volume 2

Message from the Guest Editors

Dear colleagues, We solicit papers that define the advancement of future networks, as well as their services and challenges. We are seeking the latest original contributions that have not been published and are not currently under process in any other journal. Potential topics of interest include, but are not limited to, the following:

- Ubiquitous networks.
- Wireless sensor networks (WSNs).
- Energy efficiency and power control.
- MAC, routing and transport protocols.
- Cognitive wireless networks.
- Network design, control, and performance.
- Congestion control and traffic management.
- Cell-free satellite-UAV networks for 6G and beyond.
- Quantum communication.
- Data-centric communications and protocols.
- Future Internet architectures (ICN/CCN/NDN).
- Software-defined networks (SDNs)/network function virtualization (NFV).
- Underwater wireless sensor networks (UWSNs).
- Vehicle-to-vehicle communications (V2V communications).
- Wireless body area networks (WBANs).
- Internet of things (IoT).
- Machine-to-machine communications (M2M).
- Peer-to-peer networks.

Guest Editors

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Deadline for manuscript submissions

closed (15 November 2022)



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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.

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the second half of 2024).

