

Special Issue

Network Architectures for IoT and Cyber-Physical Systems

Message from the Guest Editors

The rapid evolution of the Internet of Things (IoT) and the integration of cyber-physical systems (CPS) are reshaping the landscape of network architecture. This Special Issue, “Network Architectures for IoT and Cyber-Physical Systems”, seeks to explore the innovative design, optimization, and security challenges that are pivotal in these domains. As we push the boundaries of what is possible, we invite contributions that offer novel insights into the development and deployment of robust, scalable, and secure network architectures. This issue aims to gather leading research that addresses the complex interplay between connectivity, computational demands, and security in IoT and CPS environments. Topics of interest include, but are not limited to, AI-driven network management, advanced security protocols, data integrity in distributed networks, and the implications of quantum technologies in securing communications.

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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.

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