Special Issue

Protocols, Algorithms and Applications of Wireless Networks and Internet of Things

Message from the Guest Editors

The Internet of Things (IoT) connects a myriad of devices and delivers sophisticated services across various domains via wireless networks, including healthcare, precision agriculture, home automation, and smart grids. Consequently, wireless networks and the IoT have garnered substantial attention from both academia and industry. Traditional wireless networks and the IoT face several critical technical challenges: (1) ensuring robust security and privacy, (2) achieving interoperability across diverse IoT ecosystems (3) optimizing efficiency for resource-constrained environments. This Special Issue aims to explore recent advancements, emerging trends, and innovative applications in the field of the IoT and wireless networks, with a particular focus on underlying protocols and algorithms. It also provides an opportunity for discussions to explore new challenges and frontiers in the various application fields of protocols, algorithms, and applications of wireless networks and the Internet of Things.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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