Special Issue

Computational Methods for Next Generation Wireless and IoT Applications

Message from the Guest Editors

The aim of this Special Issue is to present state-of-the-art research contributions that address the next generation's challenges and IoT applications in network design. Methodologies, and Techniques: Device to device communication strategies for IoT
5G/6G wireless communications and IoT applications
IoT services, protocols, and architectures based on 5G wireless communications
Cloud/Fog-based architectures and Energy efficiency for IoT
Embedded systems and RFID technology for IoT
Big Data for wireless communications and IoT
Formal verification and analysis of wireless communications for IoT
Emerging and critical aspects for medical systems for IoT
Smart city, smart home, smart agriculture, and transportation management
High-performance image processing for IoT
Industrial and manufacturing technologies for IoT
Robotic and mechatronic issues for IoT
Privacy and trust management of healthcare monitoring for IoT
Vehicle-to-vehicle and mobility management for IoT

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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