



## Computational Methods for Next Generation Wireless and IoT Applications

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### Message from the Guest Editors

Dear Colleagues,

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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