

Special Issue

Recent Advances in Next Generation Wireless Sensor and Mesh Networks

Message from the Guest Editor

Networks of today are going through a rapid evolution. Different kinds of wireless networks with different characteristics are emerging, and they are being integrated into heterogeneous networks. The next generation of wireless and mobile networks will allow mobile users to access heterogeneous wireless and mobile networks. The internetworking of different types of wireless and mobile networks aims to provide seamless services for mobile users among different types of networks. Due to the heterogeneity of different radio access techniques, different types of traffic and applications, the QoS guarantee becomes a critical issue for an integrated wireless and mobile network. This Special Issue is devoted to the advances in Next Generation Wireless and Mobile Networks and their architectures. Topics of interest include, but are not limited to:

- QoS Provisioning
- Cross-layer Design and Optimization
- Routing Protocols
- Security and Privacy
- Opportunistic Networks
- Vehicular Networks
- Sensor and Actor Networks

Guest Editor

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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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