Special Issue

Modeling, Analysis, and Performance Evaluation of Wireless Ad Hoc Networks

Message from the Guest Editor

A wireless ad hoc network is built to enable many wireless devices connected without infrastructure equipment, such as a wireless router or unplanned access point. These special characteristics are very important in emergent or restricted situations. However, as such networks are increasingly complex, performance modeling and evaluation play a crucial part in their design process to ensure their successful deployment and exploitation in practice. There are also other challenging issues, such as mobility, security, and QoS performance, which shall be considered when designing wireless ad hoc networks, especially in the coming digital age. The aim of this Special Issue is to share novel approaches for monitoring, measuring, modeling, optimizing, simulating, analyzing, and case studying the characteristics of ad hoc, sensor, pervasive, and ubiquitous networks, as well as exploring and developing new ad hoc networking protocols and tools. It aims to bring together researchers and industry professionals to report recent research advances on wireless ad hoc networks.

Guest Editor

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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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