
Wireless Sensor Networks have become an important component of the present communication infrastructure. It is also a pre-cursor of Internet of Things (IOT) Applications ranging from military, agriculture, medical, disaster management, smart homes etc are exploring using such autonomous and low range networks for real time monitoring of the field environment and taking suitable actions to achieve desired outcomes. Challenges include energy management, security, ubiquity and self reliance of the networks. Research and solution development in this field is the area where major technology giants are also participating. Privacy and Security has always been an indispensable means of secure communication even in today technologically progressed era. It is demanded to assure confidentiality, integrity, authenticity and availability of user’s secret information. A modern day Privacy/Security system should be able to mitigate the security issue, solutions and other types of possible threats in Wireless Sensor Networks. The main aim of this special session is to bring together the researchers, academicians, scientists, and students applying multidisciplinary concepts for the design of effective and advanced solutions to cope with the recent privacy/security issue in the areas of Wireless Sensor Networks.

Abstract/ Indexing:

Scopus, J-Gate, NKI Scholar, Suweco, EBSCO-host

Recommended Topics:

Topics to be discussed in this special issue include (but are not limited to) the following:

- WSN architectures, protocols, and algorithms
- Protocols for reliable and real-time wireless communication
- Integration and coexistence of heterogeneous wireless networks
- Indoor and outdoor localization in WSN
- Data management in WSN and its applications
- Integration of WSN and Cloud computing
- Wireless sensor networks performance, simulation, RF measurements, modelling and case studies
- Control over wireless networks
- Energy harvesting and scavenging for WSNs
- Security issues and solutions in WSN
- Photonics, VLSI and Embedded System
Important Dates:

- Submission Deadline: July 20, 2017
- Notification Due: August 25, 2017
- Final Version Due: September 10, 2017

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SUBMISSION PROCEDURE:
Researchers and practitioners are invited to submit papers for this special theme issue on Wireless Sensor Network: “Design, Architecture, Application, Data Communication, Security and Management” on or before 20 July, 2017. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE JOURNAL’S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at http://www.benthamscience.com/journals/international-journal-of-sensors-wireless-communication-control. All submitted papers will be reviewed on a double-blind, peer review basis. Papers must follow APA style for reference citations.

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