

# Call for Papers ICCMIT 2018

## “Wireless Sensor Networks and Applications”

### Organized by:

Prof. Dr. Fabricio Braga Soares de Carvalho (IEEE Senior Member)  
Department of Electrical Engineering  
Federal University of Paraíba – UFPB, João Pessoa-PB, Brazil  
fabricio.braga@ieee.org

### Objectives and Motivation

Wireless Sensor Networks (WSN) are a major research and development area in Computer and Electrical Engineering in recent years. The need to collect and transmit data in agricultural areas for irrigation purposes, the monitoring of wildlife in forests and natural reserves, the gathering of climatic data in real time or the establishment of automation systems to control different variables in a building are some of the applications that require the use of wireless sensor networks nowadays. Additionally, the development of low cost devices enables the deployment of WSN technology in diverse environmental scenarios and allows the monitoring of large areas.

This conference session entitled “Wireless Sensor Networks and Applications” is intended to provide a collection of high-quality research papers on wireless sensor networks as well as recent applications in different fields with the goal to address some of the basic problems in the area.

### Scope and Interests

This conference session aims at addressing new research topics and achievements, opportunities, challenges and current and future directions in the field of wireless sensor networks. This conference session invites articles involving, but not limited to, the following topics:

- Energy efficiency and energy efficient protocols
- Mobility, localization, routing, security, privacy, data integrity
- Cognitive wireless sensor networks
- Distributed and cooperative sensing in WSN
- Sensing and actuation
- Embedded data management and processing
- In-network processing and aggregation
- Performance analysis/evaluation of wireless sensor networks
- Modelling of systems/physical environments, simulation tools/environments
- Applications, deployment and management
- Real-world case studies of WSN

### Important Dates

<b>Paper abstract submission:</b>	<b>until January 1, 2018</b>
<b>Notification of acceptance:</b>	<b>February 1, 2018</b>
<b>Final paper submission and authors camera ready:</b>	<b>March 1, 2018</b>
<b>Conference Dates:</b>	<b>April 2-4, 2018</b>