

***** CALL FOR PAPERS *****

SUBMISSION DUE DATE: [30-11-2018]

SPECIAL SESSION ON - *Wireless Sensor Network based RFID system and its security*

[INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING AND COMMUNICATION ICICC--2019]

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INTRODUCTION:

The objectives of the special session on “*Wireless Sensor Network based RFID system and its security*” are to publicize and coordinate the development and practice of *RFID system and its security along with Wireless Sensor Network* to advance the knowledge of electronic business, Identification, easy tracking of product or humn and wireless payment. Radio Frequency Identification (RFID) is a technology for automatic identification of remote people and objects without line of sight. The deployment and use of RFID technology is growing rapidly across many different industries. It cannot only be used in traditional applications (e.g., asset or inventory tracking), but also in security services such as electronic passports and RFID-embedded credit cards. At the same time, the WSN, which will represent the backbone of modern society and the next-generation Internet, have showed a strong potential to meet the information-processing demands of smart environments. However, RFID & WSN, may also bring great challenges for the security and privacy of current systems and processes. For example, with the rapid deployment of RFID and a nature of wireless network, a number of concerns regarding security and privacy have been raised, e.g., clandestine tracking and inventorying. On the other hand, certain WSN applications will be tightly linked to sensitive infrastructures and strategic services, like the distribution of water and electricity. As a result, there is a great need to design and implement privacy and security technologies for RFID & WSN, in different domains. This Special session will focus on RFID & WSN, and attempts to solicit original papers that discuss the security and privacy issues and opportunities.

RECOMMENDED TOPICS:

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

1. Wireless Sensor Networks
2. Characteristic features of WSNs
3. Real-time communication

4. Challenges for WSN in RFID
5. WSN based RFID system
6. Geometry of RFID,
7. Pilot Integrating RFID
8. RFID Authentication Models
9. RFID and WSN Systems Protection
10. RFID Antenna Properties
11. RFID Antenna Design

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on [*Wireless Sensor Network based RFID system and its security*]. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at http://icicc-conf.com/paper_submission.html. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify [*Wireless Sensor Network based RFID system and its security*] at the top (above paper title) of the first page of your paper.

All inquires should be should be directed to the attention of:

[Dr. Rohit Sharma]

Guest Editor

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