Call for Papers on ICCMIT-2020


Organized by:

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Objectives and Motivation

Wireless Networks are a major research and development area in Computer Science 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 “Emerging Trends considering Different Aspects in Wireless Environment : WSN, VANET, MANET, FANET, Ad-Hoc networks” 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 (not limited to)*

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
• Intelligent routing techniques in adhoc /Wireless Sensor Networks (WSN)
• Intelligent Transportation Systems
• Vehicle to Vehicle Communication
• Real-time optimization system in WSN
• Intelligent routing in delay tolerant networks
• Reliability, resiliency and fault tolerance techniques
• Security Trends in Cloud Computing
• Advance algorithms in Computer Security
• Security in Computer Networks
• Complexity analysis of Security Algorithms
• Network Performance Evaluation
• VANET
• Energy management
• Renewable Energy (Photovoltaïc, Solar Wind energy)
• Sensors networks :Modeling and simulation
• Optimization Sensors Network Energy
• FANET
• Communication and Networking
• Social Computing
• Cognitive Computing
• Ad-hoc Networks
• Security & Privacy
• Autonomous Driving
• Sensing Techniques

Paper Submission

All instructions and templates for submission can be found in the ICCMIT2020, Athens, Greece.
website: www.usarconferences.org
The accepted papers will be published in ISI/SCOPUS journals. Also, the best articles will be invited to be published again after expansion as book chapter in IGI Book.

Important Dates

Paper submission: January 30, 2019
Notification of acceptance: February 25, 2019
Final paper submission and author’s camera ready: March 10, 2020
Conference Dates: April, 2020