

Call for Papers for ICCMIT 2017

Special Session on Emerging Trends in Mobile and Vehicular Ad hoc Networks

Organized by: Prof. Ghasem Mirjalily

Ph.D., Professor and IEEE Senior Member

Faculty of Electrical Engineering, Yazd University, Yazd, IRAN

Email: mirjalily@yazd.ac.ir, g.mirjalily@gmail.com

Objectives and Motivation

Mobile Ad hoc Network (MANET) is an infrastructure-less network of mobile devices connected wirelessly. In recent years, the growth of using mobile devices and wireless networking had made MANET a popular research topic. Vehicle Ad hoc Network (VANET) is an application-specific MANET for connecting vehicles together. VANET opens the door to applications that contribute to the safety and comfort of the vehicle's passengers. Many research projects in industry and academia are devoted to mobile and vehicular ad hoc networks; however, still there are many communication challenges that are awaiting researches. The goal of this special session is to explore developments and current/future challenges in the area of mobile and vehicular ad hoc networks.

Scope and Interests

Design and implementation of high-performance, robust and secure mobile networking protocols present an important challenge to the wireless research community. The goal of this special session is to highlight and address the advances and challenges associated to mobile networks. The session will host both research and industrial papers covering, but not limited to, the following aspects:

- Mobile communication
- Vehicle-to-Vehicle and Vehicle-to-Roadside communication
- Architecture of mobile and vehicular networks
- Channel, Traffic and Network modeling
- Mobility modeling and management
- Cooperation and Cross-layer optimization techniques
- MAC and Routing protocols
- Security and Privacy
- Commercial applications
- Scalability and Availability issues
- Cloud and Software-Defined Mobile Networks
- Cognitive Radio Mobile Networks
- Performance evaluation and Simulation of MANET and VANET
- Traffic engineering and QoS
- Other Related Topics

Paper Submission

All instructions and templates for submission can be found in the ICCMIT 2017 website: <http://www.iccmit.net/>. Please, contact the special session organizer if you are planning to submit any paper. The accepted papers will be published by IEEE and it will appear on IEEE-Xplore. Also, the best articles will be invited to be published again after expansion as book chapter in IGI Book as well as Journal of Information Retrieval "ACM Index journal".

Important Dates

Paper abstract submission:	February 15, 2017
Notification of acceptance:	February 28, 2017
Final paper submission and author's camera ready	March 7, 2017
Conference Dates:	April 3-5, 2017