

Special Issue on Recent Technologies and Applications in Communication & Networking

GUEST EDITORS

Dr. Ramesh C. Poonia, Dr. Linesh Raja and Dr. Vijander Singh

Amity University Rajasthan, Jaipur - India

Email: *rameshcponia@gmail.com, lineshreja@gmail.com and vijan2005@gmail.com*

OBJECTIVE OF THE SPECIAL ISSUE: From last decade the development of applications of communications & networking is gaining a lot of interest in the research community. The objective of the issue is to comprise a dynamic new interdisciplinary research field that encompasses a wide spectrum of engineering applications based on communications and networking including WLAN, WSN, MANET and VANETs using actuators, sensors, control systems and software tools for the design of adaptive structures.

We will not only take stock of trends and developments in the globally competitive environment, but we will also provide future directions to young researchers and practitioners. This special issue is to bring together research work in the field of communications & engineering which investigates the novel solutions and its applications as well as the future direction of this field that can benefit the researchers and software developers.

This special issue will highlight emerging applications as well as enabling recent technologies and application in communication and networking and architectures to support future autonomous systems. Emphasis will be given to breakthrough research in device/network co-design solutions that efficiently integrate sensing, computing and communication and exploit context awareness at various levels to dramatically improve wireless network performance across multiple dimensions: high reliability, uniform availability, improved bandwidth and power efficiency. The special issue will also cover protocols and demonstration of system design and development for such networks.

Keywords: Sensor, Mobile, Radar, Antennas, Satellites, Computer Networks, Ad-hoc Networks, Internet, Wireless Communication, Routing, WiMAX, Intelligent Vehicles

In particular, the topic of interest includes but is not limited to

- Wireless Network System Design and Applications
- Time Sensitive Networks for mission critical control systems
- Network Technologies and Architectures for specialized high-end systems
- Communication Architecture
- Algorithms and Protocols
- Simulation, Modeling and Evaluation
- Engineering Applications
- Future Internet and Next-Generation Architecture
- Mobility Models and Mobile Network
- Mobile Ad-hoc Network
- Vehicular and Wireless Technologies
- Sensor/Embedded Networks and Pervasive Computing
- Vehicle Collision and Detection System
- Wireless LAN.
- Intelligent Transportation Systems

Papers submitted for publication for this special issue will be peer reviewed and selected on basis of their quality and relevance to the theme of this special issue. Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere. A guide for authors and other relevant information for submission of manuscripts is available on the Instructions for Authors page (<http://benthamscience.com/journals/recent-patents-onengineering/author-guidelines/#top>).

Please submit your manuscript via email to vijan2005@gmail.com

Important Dates

Manuscript submission deadline: June 30, 2017

Peer Review Due: July 30, 2017

Revision Due: August 15, 2017

Notification of Acceptance by the Guest Editor: August 30, 2017

Final Manuscripts Due: September 15, 2017