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Special Issue on Advances in Wireless Communications and Networks

Wireless communication is growing significantly with the development of communications systems, network architecture and sensors. Future Internet and information system are going to be build upon wireless systems. Both academia and industries are now focusing on developing wireless networks not only for Internet, but also for other applications, like medical, agriculture, and military. The objective of this special issue is to *bring together the state-of-the-art research contributions and developments that address the various critical issues in wireless communication systems and networks.*

Topics:

Topics of interest for the special issue of the Journal of Communications include, but are not limited to:

- Modulation and coding for wireless channels
- Multiple access techniques
- Antenna systems for wireless systems
- Multiple-input and multiple-output technology
- Channel modeling and characterization
- Diversity and equalization techniques
- Broadband wireless communications
- Multiuser detection
- Detection and estimation
- Noise and interference
- Network architecture and protocols
- Quality of service
- Security and privacy
- Resource management
- Wireless sensor networks
- Digital signal processing for wireless applications
- Location estimation
- Optical wireless communications
- Multimedia communications over wireless
- Vehicular networks
- Mobile ad hoc networks

Important Dates:

Submission Deadline:	January 31, 2011
Review Result Notification:	March 28, 2011
Final Manuscript Due:	April 25, 2011
Acceptance Notification:	May 16, 2011
Tentative Publication Date:	3rd Quarter, 2011

Submission:

Prospective authors should submit high quality and original contributions that have not appeared, nor are under consideration, in any other journals or proceedings. Submissions should follow the guidelines of Journal of Communications, which can be found at: <http://www.academpublisher.com/jcm/forauthors.html>.

Manuscripts should be submitted electronically to the corresponding Guest Editor, Dr. M. A. Karim at mkarim@odu.edu.

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