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Special Issue on New Advances in Wireless Sensor Networks

WSNs (wireless sensor network) received tremendous interests from both academics and industries in the last decade. Recent advances in wireless and electronic technologies have enabled a wide range of applications of WSNs in military sensing, traffic surveillance, target tracking, environment monitoring, healthcare monitoring, and so on. There are many new challenges for the design of WSNs to meet requirements of various applications. This special issue provides a timely venue to publish new research results and new development of systems in WSNs. We solicit papers covering a variety of topics related to WSNs including, but not limited to:

- New models and architectures
- Topology and coverage control
- QoS provision
- Sensor localization and location-aware services
- Mobility management
- Cognitive sensing and spectrum management
- Security and privacy management
- Coordination in heterogeneous networks
- Personal area networks
- Vehicle-vehicle systems
- Underwater acoustic sensor systems
- Sensing based cyber-physical systems
- Time-critical applications
- Healthcare and environment monitoring applications
- Experimental systems and new applications

Submission

Authors are invited to submit original and unpublished papers. Submissions should follow the author guidelines of Journal of Communications and the complete instructions for prospective authors can be found at <http://www.academpublisher.com/jcm/forauthors.html>. For further questions or inquiries, please contact the corresponding guest editor (Hai Liu, hailiu@hkbu.edu.hk).

Important Dates

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| Submission Deadline: | October 1, 2010 |
| Author Notification: | February 1, 2011 |
| Final Manuscript Due: | March 1, 2011 |
| Tentative Publication Date: | 2 nd Quarter, 2011 |

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