

**Call For Papers**  
**Ad Hoc Networks Journal**  
**SPECIAL ISSUE:**  
**"Privacy and Security in Wireless Sensor and Ad Hoc Networks"**

Wireless sensor and ad hoc networks have many applications in military, homeland security and other areas. Security is critical for such networks deployed in a hostile environment. In civilian applications, however, privacy concerns of these networks could become a more serious impediment to their popular adoption. Providing privacy and security in wireless sensor and ad hoc networks is more challenging than those in traditional wired networks because wireless communications use shared medium and thus are vulnerable to many attacks. Providing privacy and security in sensor networks is further complicated by the network scale, the highly constrained system resources and the difficulty of dealing with node compromises.

The main purpose of this special issue is to promote further research interests and activities on privacy and security in wireless sensor and ad hoc networks. We are interested in analytical, experimental, and systems-related papers in various aspects of privacy and security in wireless sensor and ad hoc networks.

**Topics of interest:**

- Privacy issues in sensor networks
- Privacy issues in vehicular ad hoc networks
- Location privacy and source anonymity
- Secure localization and secure routing protocols
- Key distribution and management
- Trust management
- Secure data aggregation
- Authentication and authorization
- Study of attack strategies, attack modelling
- Study of tradeoffs between security and system performance
- Denial of service attacks and prevention
- Cross layer security and privacy attacks and solutions

Authors are requested to prepare their papers according to the Guide For Authors on <http://www.elsevier.com/locate/adhoc> and to submit their paper to the online submission and reviewing system, at <http://ees.elsevier.com/adhoc>. They should choose the article type, Special Issue-Privacy & Security in WSNs.

**Important Dates:**

Submission Deadline: October 20, 2008  
First Round of Review: Feb 20, 2009  
Notification of Acceptance: March 31, 2009  
Publication Date: June 2009.

**Guest Editors:**

**Wensheng Zhang**  
Iowa State University  
[wzhang@cs.iastate.edu](mailto:wzhang@cs.iastate.edu)

**Sencun Zhu**  
Pennsylvania State University  
[szhu@cse.psu.edu](mailto:szhu@cse.psu.edu)

**Guohong Cao**  
Pennsylvania State University  
[gcao@cse.psu.edu](mailto:gcao@cse.psu.edu)