

The First International Workshop on Secure and Trusted Computing for Sensor Networks (STSN2009)

(In conjunction with 9th International Conference on Hybrid Intelligent System, August 12-14, 2009, Shenyang Liaoning, China)

Call For Papers

Wireless sensor network is a new wireless network lacking a fixed infrastructure. Due to its inherent characteristic such as the limited energy and computing ability, there are obvious weaknesses in sensor network than in traditional network on the aspect of system security. Moreover, the common methods of security can't be implemented on sensor network.

The purpose of this workshop is to bring together the main researchers working on security and trusted computing for sensor network. This is a very challenging task as it focuses on addressing the lack of a security infrastructure, of threat models and of adequate security evaluation techniques for wireless sensor networks. The objective of the workshop is to provide a forum to exchange ideas, discuss solutions, and share experiences among researchers, professionals, and application developers both from the industry and academia.

Topics of interest include, but are not limited to:

- Security and monitoring of sensor networks
- Trusted sensor networks framework
- Approaches to ensure code integrity of sensor networks
- Software attestation for key establishment in sensor networks
- Secure code updates by attestation in sensor networks
- Indisputable code execution protocol of sensor networks
- Reliable transmission control protocol of sensor networks
- Secure routing protocol of sensor networks
- Secure and energy efficiency in sensor networks
- Privacy-aware data association, aggregation and fusion in sensor networks
- Privacy-aware location tracking technology of sensor networks

Submission Guidelines

Authors are invited to submit original and unpublished papers. Please see the Author Information page for submission guidelines in the HIS 2009 website. Please submit your papers at likeqiu@gmail.com or link.dlut@gmail.com.

Important Dates:

Paper submission due: March 1, 2009

Acceptance notification: April 1, 2009

Camera-ready due: May 1, 2009

Workshop date: August 12, 2009

Proceedings

All accepted papers will be published by IEEE CS Press. Selected papers will be published in several Journal Special issues (to be announced).

Workshop Co-Chairs

Keqiu Li , Dalian University of Technology, China

Kai Lin , Dalian University of Technology, China

Program Committee

To be announced

Contact Us

For further information regarding the workshop and paper submission, please send your request or enquiry to: likeqiu@gmail.com