

# The 1st International Workshop on Quality of Security (QoSec) in Wireless Sensor Networks (QoSecWSN09)

October 19-21, 2009 - Gold Coast, Australia

## Call for Papers

To be held in conjunction with the 3<sup>rd</sup> International Conference on Network & System Security (NSS 2009) <http://nss.cqu.edu.au>, October 19-21 – Gold Coast, Australia

### Aims and Scope

Wireless sensor networks have emerged as promising future of many sensitive applications. However, besides their potential benefits, these emerging networks also raise some challenging issues with respect to the security and privacy. The aim of this workshop is to bring together researchers, academics, developers and industry practitioners working in sensor network security to discuss recent and innovative results in Quality of Security (QoSec), and identify future research directions and challenges where assurance of quality in security is central requirement for any proposed security solutions in wireless sensor networks.

In addition to broad range of wireless sensor networks security topics, papers are particularly solicited with a focus on Quality of Security. Topics of interest include, but are not limited to:

- Techniques for determining QoSec for WSN
- Sensor network security with information quality
- Economics of handling specific QoSec requirements in WSN
- QoSec in Routing algorithms
- Secure localisation quality
- Quality of security in in-network processing
- Quality of secure data aggregation
- QoSec in key management
- Scalable QoSec frameworks
- QoSec in malicious node detection
- Quality of trust establishment
- Analytical and simulation models for QoSec
- Approaches to measure the performance of security solutions

### Submission and Publication Details

Prospective authors are invited to submit original papers not exceeding six pages, including text, figures, tables, and references. Papers must be written in English and must be in standard IEEE conference format. Every submitted paper will be carefully reviewed by at least two TPC members. All submissions will be handled electronically through EasyChair conference system <http://www.easychair.org>. In order to submit the paper, please follow the link "submit paper" from the workshop website <http://scm.csu.edu.au/qosecwsn09>. To avoid last minute technical problems, authors are encouraged to submit their papers well in advance of the deadline. Please contact the Program Chairs if you are unable to use the web-based submission system.

The proceedings of the workshop will be published by IEEE Computer Society Press and will be available through IEEE Xplore Digital database, and professionally indexed through INSPEC and EI Index. Submission of a paper should be regarded as an understanding that at least one of the authors of each accepted paper will register and present the paper in the workshop.

### Contact

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**Submission:** April 17, 2009  
April 24, 2009

**Notification:** May 30, 2009

**Camera-ready:** June 20, 2009

**Registration:** June 20, 2009

### Workshop Organizing Committee

#### Advisory Chairs

- Albert Zomaya, University of Sydney, Australia
- Terry Bossomaier, Charles Sturt University, Australia
- Stephan Olariu, Old Dominion University, USA
- Azzedine Boukerch, Ottawa University, Canada

#### Program Chairs

- Irfan Altas, Charles Sturt University, Australia
- Tanveer Zia, Charles Sturt University, Australia

#### Technical Program Committee (tentative)

- S. S. Iyengar, Louisiana State University, USA
- M. Palaniswami, University of Melbourne, Australia
- Amitava Datta, University of Western Australia
- Geoff Fellows, Charles Sturt University, Australia
- Jason Howarth, Charles Sturt University, Australia
- Zahid Islam, Charles Sturt University, Australia
- Lihong Zheng, Charles Sturt University, Australia
- Michael Lane, Uni of Southern Queensland, Australia
- Jianming Yong, Uni of Southern Queensland, Australia
- Adel Ali Al-Jumaily, Uni of Tech. Sydney, Australia
- Ernest Foo, Queensland Uni of Technology, Australia
- Juanma Nieto, Queensland Uni of Technology, Australia
- Hani Alzaid, Queensland Uni of Technology, Australia
- Daniel Lai, Victoria University, Australia
- Mohsin Iftikhar, University of Sydney, Australia
- Dong Liang, Inst. for Infocomm Research, Singapore
- Tieyan Li, Inst. for Infocomm Research, Singapore
- Suthikshn Kumar, PES Institute of Technology, India
- Mourad Guerroui, PRISM Uni of Versailles, France
- Sanem Sariel Talay, Istanbul Technical Uni, Turkey
- Oscar Gracia Morchon, Philips, The Netherlands
- Kalvinder Singh, IBM Australia



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