

The 2013 International Conference on Security and Management

Special Track: Cyber and Smart Grid Information Security

July 22-25, 2013, Las Vegas, USA

Pressure to increase the penetration of renewable energy resources, reduce greenhouse gas emission and flatten power demand curve has been pushing the upgrade of existing power grids. The exploitation of state-of-the-art integrated sensing, computing and communication technologies for this purpose is resulting what we call the Smart Grids. Industrial control systems were traditionally not connected to corporate networks and not designed to have security countermeasures, so when this connection is made in Smart Grids, security problems arise. To make matters worse, many industrial control system vendors are not committed to fixing the security holes that exist in their deployed products, especially legacy products, resulting in what are called "forever-day bugs". This is despite the fact that a successful cyber attack can cause large-scale power outage, which can in turn cause millions to billions of dollars of loss. Consequently, the public and private sectors and academia are actively seeking solutions for Smart Grid cyber security threats.

This Special Session on "Cyber and Smart Grid Information Security" invites all submissions on topics including but not limited to the following:

- Cyber security of industrial control systems, including SCADA systems
- Cyber security of transmission networks
- Cyber security of distribution networks
- Cyber security of advanced metering infrastructure²
- Cyber security of wireless sensor networks and cloud computing as applied to the Smart Grid
- Smart grid information risk modeling and simulation
- Cryptographic schemes, access control, intrusion detection and response systems for the Smart Grid
- Privacy issues related to automatic meter readings

Submission Guidelines

Prospective authors are invited to submit their draft paper (5-8 pages - single space, font size of 10 to 12) via email to ywlaw@unimelb.edu.au (Yee Wei Law), or Vincent.cs.lee@monash.edu (Vincent CS Lee). MS document and PDF formats are preferable

- Papers must not have been previously published or currently submitted for publication elsewhere
- The first page of the draft paper should include:
 - The title of the paper
 - Name, affiliation, postal address, E-mail address, telephone number, and fax number for each author
 - The name of the author who will be presenting the paper (if accepted) and a maximum of 5 keywords.
- Authors of accepted papers should submit their Camera-Ready papers in PDF format. The maximum number of pages in the final papers is 7. Papers must conform to IEEE style guidelines at http://www.ieee.org/publications_standards/publications/conferences/msw_usletter_format_nov12.doc

Conference Proceedings

Accepted papers will appear in the SAM'13 Conference Proceedings. The proceedings will be published in printed conference books (ISBN) and will also be made available online. The proceedings will be indexed in science citation databases that track citation frequency/data for each published paper. Science citation databases include: Inspec / IET / The Institute for Engineering & Technology; The French National Center for Scientific Research, CNRS, INIST databases, PASCAL (accessible from INIST, Datastar, Dialog, EBSCO, OVID, Questel.Orbit, Qwam, and STN International); and others.

Important Dates

January 31, 2013 Workshop / Session Proposals
March 18, 2013 Submission of full papers (about 7 pages)
April 18, 2013 Notification of acceptance (+/- two days)
May 5, 2013 Final papers + Copyright + Registration
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Session Co-Chairs

Yee Wei Law, The University of Melbourne, Australia

Vincent CS Lee, Monash University, Australia

Session Program Committee

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Shuguo Han, I2R of A*Star, Singapore
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Conference Websites:

<http://sam.udmercy.edu/sam13>