

CALL FOR PAPERS

The 1st International Conference on Information Security and Assurance (ISA2008)



<http://www.sersc.org/ISA2008/>

April 24 - 26, 2008



Hanwha Resort Haeundae, Busan, Korea

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<http://www.sersc.org/ISA2008/Committee.htm>

ISA 2008 will be the most comprehensive conference focused on the various aspects of advances in Information Security and Assurance. The concepts of Security and Assurance are emerging rapidly as an exciting new paradigm to provide reliable and safe life services.

Our Conference provides a chance for academic and industry professionals to discuss recent progress in the area of Information Security and Assurance including modeling, simulation and novel applications associated with the utilization and acceptance of computing devices and systems.

The goal of this conference is to bring together the researchers from academia and industry as well as practitioners to share ideas, problems and solutions relating to the multifaceted aspects of Information Technology.

Conference Topics

The main topics include but will not be limited to: (Excellent surveying works in these areas are welcome, too.)

1) Security Engineering and Its Application

- Security Level Definition Criteria and Its Application
- Security Requirements Engineering
- Security in System/Software/Product Development Site
- Security in Development Processes
- Security Maturity Model
- Security Evaluation Criteria and Methodology
- New Idea, Theory and Paradigm for Security
- etc

3) Security and Assurance in Technology Area

- Agent and Mobile Code Security
- Authorization and Access Control
- Biometrics Security and Applications
- Computer Forensics
- Cryptographic Protocols
- Data Integrity and Privacy
- Database Security
- Intrusion Detection and Prevention
- Distributed System Security
- Key Management and Recovery
- Mobile and Ad hoc network security
- Operating System Security
- Secure Hardware and Software Design
- Smartcards and Chip Security
- RFID, Sensor Network, Ubiquitous Computing Security
- etc

2) Security and Assurance in Operational Area

- Security Policy, Strategy and Management
- Authentication and Identity Management
- Security Education and Training
- Personnel Security and Privacy
- Trust Negotiation, Establishment and Management
- Vulnerability, Threat, and Risk Analysis
- etc

4) Security and Assurance in Commercial Area

- Cell phone, PDA, and Potable Device Security
- Biometrics Products and its Applications
- Firewall, IDS, Anti-virus, and other Security Products
- E-Commerce and E-Government Security
- Intellectual Property Protection
- Internet and Web Services Security
- etc

5) Security and Assurance in Military Area

- Information Warfare and Countermeasures
- Cyber-attack and Cyber-terrorism
- Anti-tamper and TEMPEST
- Physical Security and Soldier Security
- E-bomb and Electronic Attack
- Tactical Communication and Network Security
- Sensor-to-shooter/Command Control System Security
- etc

6) Others

Important Dates

- Submission of Papers: (extended to) **December 31, 2007**
- Notification of acceptance: January 10, 2008
- Camera ready submission: February 5, 2008
- Regular Registration: February 5, 2008

Paper Submission and Publication

Every submitted paper will be carefully reviewed by at least two members of the International Program Committee. The problematic (borderline) papers will be additionally evaluated by the members of the International Advisory Board and the Chairs of the conference. All accepted papers will be included in the conference proceedings with IEEE CS (indexed by EI).

Authors should submit their Extended Abstracts with about 3 pages by online systems for review.

Please use IEEE CS paper format (Click visit <http://www.sersc.org/ISA2008/> to download a paper format).

Distinguished papers accepted and presented in ISA 2008, after further revisions, will be published in special issues of Journal of **Intelligent Manufacturing (indexed by SCIE)** and other prestigious international journals indexed by SCIE.

Contact Information

If you have any question about the CFP and papers submission, please email to Secretary of ISA 2008 (isa@sersc.org).