

# Call for Papers



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## Important Dates

Workshop Proposal Due: Nov. 15, 2010  
Submission Deadline: March 10, 2011  
Paper Notification: April 5, 2011  
Camera-ready Due: April 15, 2011  
Conference events: June 28 - 30, 2011

## Overview

Information technology issue is emerging rapidly as an exciting new paradigm with user-centric environment to provide computing and communication services. In order to realize IT advantages, it requires integrating security and data management to be suitable for future computing environments. However, there are still many problems and major challenges waiting for us to solve such as the security risks in resource sharing, which could be occurred when data resources are connected and accessed by anyone. Therefore, it will be needed to explore more secure and trust and intelligent data management mechanism.

STA 2011 addresses the various theories and practical applications of secure and trust computing and data management in future environments. It will present important results of significant value to solve the application services and various problems within the scope of STA 2011. In addition, we expect it will trigger further related research and technology developments which will improve our lives in the future. STA 2011 is the first conference after the merger of the successful SSDU, UbiSec, and TRUST symposium series previously held as SSDU-10(Xi'an, China, 2010), SSDU-08(Kunming, China, 2008), SSDU-07(Nanjing, China, 2007), UC-Sec 09(Las Vegas, USA, 2009) and TRUST-08(Shanghai, China, 2008), TRUST-07(Taipei, Taiwan, 2007), TRUST-06(Seoul, Korea, 2006).

## Topics (included, but are not limited to):

### [Security and Trust computing]

- Authentication and access control
- Anonymity, identity management
- Cryptographic protocols
- Data integrity, dependability
- DRM and intellectual property protection
- Accountability
- Applied cryptography
- Cybercrime and computer forensics
- Denial of service attacks
- Formal methods in security
- Information warfare
- Steganography and watermarking
- Intrusion tolerance
- System and network security
- Multimedia security
- Smartphone security issues
- Security for open convergence system
- Security for M2M platform
- Security and privacy issues for intelligent vehicular systems and communications
- Security issues for broadband convergence network
- IPTV security services
- Privacy-enhancing technology
- Security evaluation and management
- Security requirements engineering
- trust models and trust management policies
- Mobile trusted computing
- Trustworthy infrastructures and services for cloud computing
- Cryptographic aspects of trusted computing
- Establishing trust in embedded systems
- Virtualization for trusted platforms
- Verification of trusted computing architectures

### [Data management]

- Data and information modelling
- Data and information networks
- Data structures and data management algorithms
- Data warehousing
- Distributed, parallel, P2P, and Grid-based databases
- Pervasive data and information
- Semantic web and ontologies
- Sensor data management
- WWW, XML, and databases
- Context-awareness and data mining
- Human-computer interface and interaction
- Smart homes / building and business model
- Intelligent multimedia services
- Smart sensor / RFID
- Intelligent pervasive computing
- Electronic / ubiquitous commerce and services
- Engineering information systems
- Enterprise data management / resource Planning
- Geographic information systems
- Mobile computing and data management
- System design and implementation using data management
- New novel mechanism and applications
- Cluster technologies
- Grid and cloud computing
- Community and collaborative computing networks
- Support for autonomic grid infrastructure
- Resource management
- Grid-based problem solving environments
- System design and implementation using data management
- New novel mechanism and applications

## Submission and Proceeding

All accepted papers will be published in the Springer CCIS and/or LNCS proceedings (Confirmed) (EI and ISTP), which will be indexed by the following services: EI Compendex(Since 2010), ISI Conference Proceedings Citation Index - Science (CPCI-S), included in ISI Web of Science, DBLP and Scopus. Instructions for papers in the Springer's LNCS/CCIS (Note that the paper format of CCIS is the same as that of LNCS)

- Prepare your paper in the exact format as the sample paper for LNCS/CCIS. Failure to do so may result in the exclusion of your paper from the proceedings. Please read the authors' instructions carefully before preparing your papers.
- Springer accepts both Microsoft Word and LaTeX format in the Lecture Note Series. However, FTRA does not accept the use of LaTeX. Therefore, you should use the Microsoft Word instead of using LaTeX (The paper will be excluded from the proceeding if you use LaTeX). Springer provides the relevant templates and sample files for both PC (sv-lncs.dot) and Mac (sv-lncs) environments.
- Please download word.zip. If you need more help on preparing your papers, please visit Springer's LNCS web page.

### Submission system:

[Security and Trust computing] <http://www.editorialsystem.net/sta11/stc>  
[Data management] <http://www.editorialsystem.net/sta11/dm>

Distinguished papers accepted and presented in STA-11, after further revisions, will be published in the special issues of the following international journals:

- \* International Journal of Data Warehousing and Mining - IGI-Gobal (SCI-E)
- \* The Computer Journal - Oxford University Press (SCI-E)
- \* Security and Communication Networks - Wiley InterScience (SCIE)
- \* International Journal of Information Technology, Communications and Convergence (IJITCC) - Inderscience
- \* Journal of Convergence (JoC) - FTRA
- \* Journal of Information Processing Systems (JIPS) - KIPS (KCIE)

## Contact Information

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