

Call for Papers

Electronic Commerce Research

Springer

Special Issue on **IT Convergence and Security**



Theme and Scope

As we entered the 21st century, the rapid growth of information technology (IT) has changed our lives more conveniently than we have ever speculated. Recently in all fields of the industry, heterogeneous technologies have converged with IT resulting in a new paradigm, information convergence. In the process of information convergence, the latest issues in the structure of data, system, network, and infrastructure have become the most challenging task.

In order to realize IT advantages, it requires the integration of security and data management to be suitable for convergence environments. However, there are still many problems and major challenges waiting for us to solve such as the security risks in convergence application, which could appear when devices interact with different kinds of applications. Therefore, we need to explore a security in convergence environments.

The goal of this issue is to discover a new progressive technology by upgrading the previous technologies and to solve the technical problems that may have occurred in the process of converging technology in various fields. It will reflect the state-of-the-art of the computational methods, involving theory, algorithm, numerical simulation, error and uncertainty analysis and/or application of innovative processing techniques in engineering, science, and other disciplines related to IT convergence and security. The papers will be peer reviewed and will be selected on the basis of their quality and relevance to the theme of this special issue. Papers on practical as well as on theoretical topics and problems are invited. The best high-quality papers will be only selected.

Topics of interest include, but are not limited to:

- Security model for convergence environments
- Security for open convergence system
- Smartphone security Issue
- Embedded security in cars
- Security issues in WSN / RFID
- IPTV security services in the BcN
- Security and privacy for intelligent vehicular systems
- Security for Broadband convergence Network
- Commercial or industrial Issue in convergence environments
- Information security in convergence environments
- Cryptographic technologies for IT convergence and security
- Digital forensics and anti-forensics
- Security applications and services for convergence environments
- Service managements and policies for convergence environments

Instructions for Manuscripts

Guidelines for preparation of the manuscripts are provided at the Electronic Commerce Research Journal website, <http://www.springer.com/business+%26+management/business+information+systems/journal/10660>. The manuscripts have to be submitted in the form of a PDF file to the Corresponding Guest Editor - Prof. Kitae Jeong (kitaejeong.ftra@gmail.com). The submission must include the title, abstract of your paper, and all the authors' names, affiliations and emails. All papers will be rigorously reviewed based on the quality: originality, high scientific quality, organization and clarity of writing, and support provided for assertions and conclusion.

Important Dates

- Manuscript submission deadline: Dec. 15, 2012
- Notification of Acceptance/Rejection/Revision: Feb. 01, 2013
- Revised paper due: Mach 01, 2013
- Final paper submission deadline: April 01, 2013
- Tentative Publication Date (Online first): 3rd or 4th Quarter, 2013

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