

Special Issue Call for Papers

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Special Issue on IT Convergence Security



Introduction

The traditional security management process has been generally divided into three areas including physical, managerial, and technical area. Although such system is under the same governance structure, the object and subject of management are different. Therefore the guarantee of inter-connectedness amongst management areas is difficult to be realized. Namely, despite each of well-constructed security management system, once the vulnerability of certain area take place, it is not easy to prevent or cope with security breaches/accidents. Hence to take preventive measures against security breaches/accidents, it is necessary to manage three areas (physical, managerial, and technical) in the perspective of integrated management and security management under this point of view is considered as “IT Convergence Security”. The goal of this special issue is to provide an opportunity for scientists, engineers, researchers, and practitioners to discuss and exchange their novel ideas, research results, work in progress and experiences on all aspects of IT convergence security.

Topics

Papers on practical as well as on theoretical topics and problems are invited. Topics include (but are not limited to):

- Trust, anonymity, reputation and privacy models for IT Convergence
- Cross-layer design for security
- Intrusion detection and prevention in IT Convergence
- Safety & security risk assessment
- Digital forensics for IT Convergence
- Human factors
- Safety-critical computer systems
- Digital Rights Management
- Legal and regulatory issues
- Monitoring, management and operations
- Securing emerging computational paradigms
- Security and risk perceptions and judgments
- Security economics

Submission Guideline

All papers must be original and not published, submitted and/or currently under review elsewhere. Each submission will be peer reviewed according to the [JIM's standard and requirement](#). For the manuscripts, authors should follow the [JIM's format requirement](#), in preparing their full papers. More details can be found at Springer's JIM Instructions for Authors. Please direct all your correspondence and intent to the Guest Editors through email. Please NOTE: all papers should be submitted through the Springer online system at <http://www.editorialmanager.com/jims/>. Please choose article type “SI: IT Convergence Security”.

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Important Dates

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