

Special Issue Call for Papers

Mathematical and Computer Modelling (ISSN: 0895-7177)

Special Issue on Financial IT and Security



Introduction

Due to the development of wire/wireless internet technology, various on-line financial transaction services are introduced and the numbers of transaction are increasing also with the technology. However, since new attacking methods which interrupt normal financial transactions (phishing, keyboard information hacking, memory leakage, network channel hooking etc.) appear, they have become obstacles on the development of financial transactions which considers the importance of trust more than any other on-line services. New security technology and management system in terms of user identification and authentication, financial transaction denial prevention, and guarantee etc. are developed to minimize such on-line financial transaction damages. In this special issue, we are going to review research trends regarding financial IT security technology and management system which should guarantee trust more than financial transactions.

Topics

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

- Anonymity and Privacy
- Auctions and Audits
- Authentication and Identification
- Biometrics
- Certification and Authorization
- Commercial Cryptographic Applications
- Transactions and Contracts
- Digital Cash and Payment Systems
- Digital Incentive and Loyalty Systems
- Digital Rights Management
- Financial Regulation and Reporting
- Fraud Detection
- Game Theoretic Approaches to Security
- Identity Theft, Spam, Phishing and Social Engineering
- Infrastructure Design
- Legal and Regulatory Issues
- Microfinance and Micro-payments
- Monitoring, Management and Operations
- Reputation Systems
- RFID-Based and Contact-less Payment Systems
- Risk Assessment and Management
- Secure Banking and Financial Web Services
- Securing Emerging Computational Paradigms
- Security and Risk Perceptions and Judgments
- Security Economics
- Smartcards and Secure Tokens
- Trust Management

Submissions

Authors are invited to submit manuscripts reporting original unpublished research and recent developments. Manuscripts should be written in English and strictly follow the guideline of the Mathematical and Computer Modelling journal. Instructions for Contributors are in: (http://www.elsevier.com/wps/find/journaldescription.cws_home/623/authorinstructions). Manuscripts should be submitted online at (<http://ees.elsevier.com/mcm/>) and to the corresponding Guest Editor, Prof. Hangbae Chang, at mcm.financial.it.security@gmail.com. Please select to " **SI: Financial IT and Security** ", when authors submit manuscripts

Guest Editors

Prof. Hosin "David" Lee
University of IOWA, USA
skytrust@gmail.com

Prof. JD Kim
Chung–Ang University, Korea
jdkimsac@caun.ac.kr

Prof. Hangbae Chang
Daejin University, Korea
hbchabg@daejin.ac.kr

Important Dates

Deadline for manuscript submission: 30. June, 2011

Acceptance notification: 30. September, 2011

Final manuscript due: 31. October, 2011

Publication date: 1st or 2th Quarter, 2012(Tentative)

Contact Information

Guest Editors' shared email account: mcm.financial.it.security@gmail.com