

The International Conference on IT Convergence and Security (ICITCS 2011) will be held in December, 2011, Republic of Korea

As we entered the 21st century, the rapid growth of information technology has changed our lives more conveniently than we have ever speculated. Recently in all fields of the industry, heterogeneous technologies have converged with information technology 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. The goal of this conference 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 of industry.

At ICITCS 2011, IT experts, researchers, and practitioners from each field will be invited to share ideas and research technologies; moreover, encouraged to cooperate with each other to overcome the confronted technical problems. As a result, this conference will become a place of knowledge where a variety of effects can be created.

The conference seeks contributions presenting novel research results in all aspects of IT Convergence and Security. Submitted papers will be peer-reviewed and the accepted papers and posters will be published in ICITCS 2011 proceedings published by Springer (ISSN 1876-1100) and indexed by ISI and Scopus. Furthermore, the selected papers will be published in the special issues of prestigious international journals after further revision.

| IMPORTANT DATES

Deadline for submission:	10 August, 2011
Notification of acceptance of papers:	28 September, 2011
Early-bird registration deadline:	05 October, 2011
Final papers (Camera ready) due:	05 October, 2011

| SPECIAL ISSUE

Multimedia Tools and Applications [pending]
Wireless Personal Communications, WIRE [pending]
<i>More to be announced</i>

| PAPER SUBMISSION AND GUIDELINE

- The paper must be written in English and readable
- The paper must be single-column format with single-spaced, 10 point font in the text
- The paper must be prepared using only the Word (doc) template found at the ICITCS 2011 website: <http://global.kcis.kr/icitcs2011>
- The document should be formatted for the standard A4-size paper
- Papers must be submitted Only in Portable Document Format (PDF)
- The paper length limit is 6 - 10 pages including all figures

Authors of accepted papers, or at least one of them, are requested to register and present their work at the conference. Without registration, we cannot guarantee that your paper(s) will be published.

| PAPER SUBMISSION

Papers must be original, has not been previously published, and currently not under consideration for publication elsewhere. Authors must clearly explain the contribution of the work in terms of its theoretical and/or practical value and relationship to previous work.

ORGANIZER

ICITCS 2011 ICITCS 2011 ICITCS 2011

| SCOPE AND TOPICS

Topics of interest may include one or more of the following (but are not limited to) themes;

Track 1. Security Fundamentals

- Cryptography and Number Theory
- Authentication, Authorization and Accounting
- Secure Key Creation and Distribution
- Private Information Security
- Biometrics Security
- Financial Security
- Malicious Code
- Theories, Methods, Tools and Applications in Security

Track 2. Industrial & Business Information Security

- Security in E-commerce and E-business
- Security Applications and Services
- IPTV Security Services in the Broadband convergence Network (BcN)
- Security for Open convergence system
- Distributed Systems Security
- Trust model and Management
- Emerging Challenges in Industrial Security and Assurance

Track 3. Security Protocols and Applications

- Security Protocols for Wireless and Mobile
- Constraint-based Analysis of Security Protocols
- Light-weight Authentication, Authorization and accountability
- Identity and Trust Management
- Secure Communications
- Intrusion Detection and Prevention
- PKI & Digital Signatures

Track 4. Convergence Security

- Secure Collaboration in a Ubiquitous Environment
- Corporate Security & Electronic Access Control Solutions: RFID-based, Biometrics-based, etc
- Physical and Logical Security Convergence
- Security and Privacy Challenges in the Healthcare Domain
- Multimedia Security Services in Cloud Computing
- Access Control and Privacy Protection in Pervasive Computing

Track 5. IT Convergence Applications

- IT Convergence Technology
- Trans-Media and IT Convergence
- Contents and Application convergence
- Knowledge Convergence Services
- Digital Convergence
- Hybrid of IT/BT, IT/NT
- Embedded SW, Middleware and Operating Systems
- Convergence Application Security

Track 6. Mobile Computing and Future Networks

- Multimodal Mobile and Ubiquitous Services
- Mobile Applications and Convergence System
- Mobile, Wireless and Wired Convergence
- Mobile Convergence Service Architecture
- Optical Network and Systems
- Next Generation Networks and Media
- Convergence Networks and Communications
- u-City Convergence Technology
- Future Information Convergence Systems

Track 7. Multimedia and Information Visualization

- Multimedia content distribution
- Converged Video Surveillance
- Image processing & visualization for Convergence
- Vision systems, including multi-camera systems
- Converged Information Visualization
- Multimedia and Information Convergence Security

Track 8. Convergence Data Mining and Artificial Intelligence

- Database and Data Mining
- Service Mining in Marketing, CRM and Business Intelligence
- Artificial Life and Artificial Immune System
- Biomedical Devices, sensors, and Artificial Organs
- Convergence Technology for Data Mining and AI

Track 9. Web Technology and Software Engineering

- Service-centric software engineering
- Web Technology and Internet Commerce
- Web data mining and information retrieval
- Agent-based trade-and mediating services
- Convergence Web Technology
- Web Security

Track 10. Green Convergence Services

- Green computing methodologies and paradigms
- Power aware, thermal aware data center design, service, and application
- Energy awareness in network equipment and operations
- Energy efficient network infrastructures and protocols
- Green Computer Security

CONTACT

For further information regarding the workshop and paper submission, please contact to Joanna Kim, Conference Secretariat (icitcs2011@global.kcis.kr).