### Technical Session

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<th>Time</th>
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<tbody>
<tr>
<td></td>
<td>Youngsoo Kim</td>
<td>Young-Sik Jeong</td>
<td>Chulgyu Song</td>
<td>Kyung-Hyune Rhee</td>
<td>Eun-Jun Yoon</td>
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<td></td>
<td>Jinju Hall</td>
<td>Sora Hall</td>
<td>Sanho Hall</td>
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<tr>
<td></td>
<td>Tae Young-H. Jung, Lim Da-V. Han, Wai-Chi Fang, Tspo-Y. Sheu</td>
<td>Toshihiko Yamakami</td>
<td>Suqun Li</td>
<td>Woo-Kwon Kim, Hwa-Sung Lee, Yong-Ho Kim, Dong Ho Lee</td>
<td>Meng-Hua Lin, Sang-Goon Lee, Young-Ho Park, Sang-Jae Moon</td>
</tr>
<tr>
<td>09:45-10:00</td>
<td>A Video Sharing Platform with Data Grid Technology for Mobile Devices</td>
<td>A new Backup Method with Data De-duplication Capability</td>
<td>i-SEAD: A Secure Routing Protocol for Mobile Ad Hoc Networks</td>
<td>Integration and Trust and Role for Secure Interconnection in Multi-Domain Environment</td>
<td>Combined AANN and Legrian Graph Relaxation Method for Unlabeled Graph Clustering</td>
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<tr>
<td></td>
<td>Chao-Tung Yang, Chun-Jin Chen, Chien-Jung Huang, Chung-Yen Chen</td>
<td>Tiaming Yang, Dan Feng, Jingqing Liu, Yiping Wan</td>
<td>Chu-Hang Lin, Wei-Shen Lai</td>
<td>Jiefeng Li, Ruijuan Li, Zhengdong Li</td>
<td>Zhen Liu, Ning Tan, Jinsong Han</td>
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<td>Chun-Chen Chu, Ching-Hsien Hsu</td>
<td>Ahmed Mostayied, Mohammad Mynuddin Gani Mazumder, Sikyung Kim, Si Jin Park</td>
<td>Chun-Yi Tsai, Tao-Lin Lai</td>
<td>Yangzhang Zhang, Zhengting Qiu, Dongmei Sun</td>
<td>Eun-Jun Yoon, Kae-Young Yoo</td>
</tr>
<tr>
<td>10:15-10:30</td>
<td>Intelligent security for inter-space surveillance applications</td>
<td>A Trust Management Model for P2P File Sharing System</td>
<td>Aspect Ratio Conversion Based on Saliency Model</td>
<td>SSNR: Reconfigurable Freewill Reconfiguration Model Impact</td>
<td>An Inversion Detection System in Mobile AdHoc networks</td>
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<tr>
<td></td>
<td>Geon-Woo Kim, Jong-Wook Han, Sang-Wook Kim</td>
<td>Hsifang Wu, Haigung Chen, Chuanshan Gao</td>
<td>Zhongxiang Deng, YangYong Gu, Xiaodong Gu, Zhao Chen, Qing Chen, Charles Wang</td>
<td>Fabio Descarini-Perez, Edward David Moreno Ordonez, Omer Giacomini, Pentaho, Fernando Augusto Garcia Muzzo</td>
<td>SanKey-Knows Madanai</td>
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<td>Chao-Tung Yang, Chun-Fu Fu, Chen-Jung Huang, Ching-Hsien Hsu</td>
<td>Tiamment Yang, Dan Feng, Tieming Yang, Zu Deng</td>
<td>Yaping Wan, Dan Feng, Tieming Yang, Zu Deng</td>
<td>Feng Pan, Lim Xu, Xiaoyu Du</td>
<td>Shinzaku Kiyomoto, Haruki Otsu, Toshihiko Tanaka</td>
</tr>
<tr>
<td>10:45-11:00</td>
<td>Optimized Implementation of Ray Tracing on Cell Broadband Engine</td>
<td>A Regularity-oriented Service Model with Sub-day-scale User Classifications in the Mobile Internet</td>
<td>Ambulatory unobtrusive monitoring system using personal digital assistance</td>
<td>A Forward-Secure Signature with Backward-Secure Detection</td>
<td>Improvement of a Fingerprint-Based Remote User Authentication Scheme</td>
</tr>
<tr>
<td></td>
<td>Bo Li, Hai Jin, Zhuyun Shao, Yong Li, Xin Liu</td>
<td>Toshihiko Yamakami</td>
<td>Keoeik Kim, Yangyu An, Jwongbin Seo, Chiysong Yi</td>
<td>Dai-Rui Lin, Chi-Tai Wang</td>
<td>Jing Xu, Wentai Zhu, Dengguo Feng</td>
</tr>
</tbody>
</table>

### Invited Speaking - Jinju Hall

- **Dr. Han-Chieh Chao**
  Cross-Layer Design in 3G Wireless Networks and Beyond

- **Dr. Stephen S. Yau**
  Development of Adaptive Service-based Systems in Ubiquitous Computing Environments

- **Dr. Hyung Joong Kim**
  Multimedia Hashes for Ubiquitous Applications
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<th>Session 9</th>
<th>Session 10</th>
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<tr>
<td>ISA 2008 General</td>
<td>MUE 2008 General</td>
<td>ISA 2008 General</td>
<td>Yeong-Deok Kim</td>
<td>Kyeong-Yoo Yoo</td>
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<tr>
<td>Han-Chieh Chao</td>
<td>Ching-Hsien Hsu</td>
<td>Stephen S. Yau</td>
<td>Pado Hall</td>
<td>Bada Hall</td>
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<tr>
<td>Jinju Hall</td>
<td>Sora Hall</td>
<td>Sanho Hall</td>
<td>Eun-Jan Yoon, Kyeong-Yoo Yoo</td>
<td>William Mahoney, William Souaian</td>
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<thead>
<tr>
<th>15:30-17:45</th>
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<th>16:00-16:15</th>
<th>16:15-16:30</th>
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</thead>
<tbody>
<tr>
<td>A new forensic image format for high capacity disk storage</td>
<td>A hybrid-based security protocol in heterogeneous wireless sensor network</td>
<td>Investigating/wireless sensor network lifetime using a realistic radio communication model</td>
<td>UMOST: ubiquitous multimedia framework for context-aware session mobility</td>
<td>IMAGE-BASED MODELING OF VIRTUAL PAGODA OF CHINA</td>
</tr>
<tr>
<td>Sang Su Lee, Tae-Sik Park, Sang-Uk Shin, Sung-Kyoung UH, Do-Won Hong</td>
<td>Yi-ying Zhang, Wen-cheng Yang, Kealum Kim, Mingyu Cui, Myungsoon Park</td>
<td>Michael Mattinson, Sajid Hussain, Jong Hyuk Park</td>
<td>Yong-Ju Lee</td>
<td>Wu Guo, Yi Li, Wen-hui Li, Miling Sun</td>
</tr>
<tr>
<td>ACE: active emergence car service system for e-traffic</td>
<td>A robust watermark scheme for copyright protection</td>
<td>Automatic vehicle platooning detection by the mapping using regional unit sphere</td>
<td>An energy-aware multirobot algorithm for sensor nodes clustering</td>
<td>Efficient information retrieval by dispatching mobile agents in parallel</td>
</tr>
<tr>
<td>Won-Hee Han, Eun-Ha Song, Laurens T. Yang, Jong-Hyuk Park, Young-Sik Jeong</td>
<td>Chu-Hing Lin, Jung-Chun Liu, Chih-Hsing Shih, Yan-Wei Li</td>
<td>Chu-Hsing Lin, Yu-Chen Cheng, Kuan-Chung Chen, Wei-Euang Tang</td>
<td>Yu-Ren Liao, Yu-Chen Cheng, Kuan-Chung Chen, Wei-Euang Tang</td>
<td>Weiyu Qu, Keqiu Li</td>
</tr>
<tr>
<td>IDEA: A new Intrusion Detection Data Source</td>
<td>A survey for open shortest path first weight setting (OSPFW) problem</td>
<td>Fine granulation access rights for information flow control in object oriented systems</td>
<td>Secure delegation model based on SAML in ubiquitous environments</td>
<td>Biometric handshake protocol on telebiometric system mechanism for national infrastructure</td>
</tr>
<tr>
<td>William Mahoney, William Souaian</td>
<td>Incident-driven memory snapshot for full virtualized OS using interactive debugging techniques</td>
<td>Biometric handshake protocol on telebiometric system mechanism for national infrastructure</td>
<td>Collaborative privacy management system</td>
<td>Yong-Nyoe Shin, Yongjun Lee, Wooshang Shin, Jin-Young Choi</td>
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<tr>
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<tbody>
<tr>
<td>Cognitive modeling in medical pattern semantic understanding</td>
<td>Online content analytics based on activity situation models using context from wearable multi-sensor</td>
<td>Content-based multimedia system using mpeg standards</td>
<td>Generic algorithm for shortest driving time in intelligent transportation systems</td>
<td>A novel technique for near-field radio-on-demand embedded system</td>
</tr>
<tr>
<td>Lida Ogata, Ryszard Tadeusiewicz, Marie Ogata</td>
<td>Lin-Qing Zhang, Ren-Jia Li, Weiyi Liu, Shuangshuang Chen</td>
<td>Swadlana Kim, Yong-Ik Yoon</td>
<td>Jia-Hua Chao</td>
<td>Chu-Hsing Lin, Jung-Chun Liu, Ju-Ling Yu, Chia-Jen Li</td>
</tr>
<tr>
<td>An agent based trust management model for wireless sensor networks</td>
<td>A UniFSM: a generalized multimedia data model based on MPEG-7</td>
<td>DCV: structure and content based value-based binary diffing</td>
<td>Methodology for evaluation of information security measures of a system</td>
<td>A novel technique for near-field radio-on-demand embedded system</td>
</tr>
<tr>
<td>Han-Jung-Chen, Kuan-Chung Chen, Wei-Euang Tang</td>
<td>Qian-Tao Shi, Jianhua Ma, Bernady O. Apduhan, RunHu Huang, Ninos</td>
<td>On-DIRB: Ontology-based DIR in context-aware applications</td>
<td>Windows Registry and hiding suspects' secret in Registry</td>
<td>Takasaki Shigematsu, Bin-Hui Chou, Yoshiki Hob, Kouchi Sakurai</td>
</tr>
<tr>
<td>Shinhwa Li, Chunyan Song</td>
<td>XiaoQing Li, Ke He</td>
<td>Yan Wen, Qing Jia, Huamin Wang</td>
<td>Youngsoo Kim, Doweon Hong</td>
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</tr>
<tr>
<td>An NBO based thin client computing solution for multimedia service in a converged network</td>
<td>A new CORB component software environment based on synchronized data triggering architecture</td>
<td>Image retrieval using maximum frequency of local histogram based color constellation</td>
<td>Automatic lifetime image retrieval with skyline extraction techniques</td>
<td>A Robust Watermark scheme for copyright protection</td>
</tr>
<tr>
<td>Zhongwen Zhu</td>
<td>Anand B. Deshpande, Hemant V. Kamat</td>
<td>Waqas Rashheed, Muhammad Riaz, Jong-Park</td>
<td>Supporting cloud image retrieval by using Skyline Extraction Techniques</td>
<td>Chu-Hing Lin, Jung-Chun Liu, Chih-Hsing Shih, Yan-Wei Li</td>
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<tr>
<td>WHICH Internet messaging system should I choose: a conceptual model</td>
<td>A data mining approach for multimedia content retrieval</td>
<td>Automatic vehicle platooning detection by the mapping using regional unit sphere</td>
<td>Chu-Hsing Lin, Yu-Chen Cheng, Kuan-Chung Chen, Wei-Euang Tang</td>
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<tr>
<td>A Rekey-boosted security protocol in collaborative privacy management system</td>
<td>A new forensic image format for high capacity disk storage</td>
<td>An energy-aware multirobot algorithm for sensor nodes clustering</td>
<td>An improvement of password-only authenticated key establishment protocol without public key cryptography</td>
<td>A Robust Watermark scheme for copyright protection</td>
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<th>00:00-01:00</th>
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<td>A new forensic image format for high capacity disk storage</td>
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April 25th, 2008
Registration Open 08:30 ~

Session 11 MUE 2008 General
Changhoon Lee
Jinju Hall

Speaker: An Interactive Fire Animation on a Mobile Environment
Author: TaeJungDae Hall

Session 12 MUE 2008 General
Hyung Joong Kim
Sora Hall

Speaker: Investigation of Secure Framework for Multipath MANET
Author: TaeJungDae Hall

Session 13 IMIS
Bonam Kim
Sanho Hall

Speaker: Investigating of Secure Framework for Multipath MANET
Author: TaeJungDae Hall

Session 14 ISA 2008 General
Wai Chi Fang
Pado Hall

Speaker: An Interactive Fire Animation on a Mobile Environment
Author: TaeJungDae Hall

Session 15 ISA 2008 General
Byeongho Kang
Bada Hall

Session 16 AMSE + SPPC
Byeong-soo Koh
TaeJungDae Hall

*Note: The above sessions are placeholders and require specific details to be filled in.*

Technical Session

Session 09:00-11:00

Session 11 MUE 2008 General
Changhoon Lee
Jinju Hall

Speaker: An Interactive Fire Animation on a Mobile Environment
Author: TaeJungDae Hall

Session 12 MUE 2008 General
Hyung Joong Kim
Sora Hall

Speaker: Investigation of Secure Framework for Multipath MANET
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Session 13 IMIS
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Sanho Hall

Speaker: An Interactive Fire Animation on a Mobile Environment
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Session 14 ISA 2008 General
Wai Chi Fang
Pado Hall

Speaker: Investigation of Secure Framework for Multipath MANET
Author: TaeJungDae Hall

Session 15 ISA 2008 General
Byeongho Kang
Bada Hall

Session 16 AMSE + SPPC
Byeong-soo Koh
TaeJungDae Hall

*Note: The above sessions are placeholders and require specific details to be filled in.*

Invited Speaking - TaeJungDae Hall

Dr. Byeongho Kang

Incremental learning method in traffic anomaly detection systems

10:45-11:00

A Reflective Heterogeneous Service Coordination Middleware Based on Mobile Agents in Wireless Environments
Hu Hanyang, Hu Hu

A User-Perspectives Freshness Clustering Method to Identify Time Subgroups in Mobile Internet Users
Shiho Shi, Hua Bai, Guo Shuang

A Group Rekeying Scheme for Location-aware Sensor Networks
Yung-Chieh Wu, Wei-Chen Lin, Chih-Hsiang Yeh, Yung-Chieh Wu

Maximizing Return on Security Investment with Constraint Satisfaction
Takashi Takahashi, Junichi Nakamura, Masaaki Kato

Lunch Time

12:00-13:00
April 26th, 2008

Registration Open 08:30 ~

Invited Speaking - TaeJongDae Hall

Dr. Belur V. Dasarathy

Multi-Source Information Fusion - An Overview in the Context of Information Security and Assurance

Technical Session

10:00~10:15
Session 23
UMS + WNGS
Sajid Hussain
Jinju Hall
An Expectation Trust Benefit Driven Algorithm for Resource Scheduling in Grid Computing
Hai YongSheng, Xu Yuxin, Liu GuanFeng

Session 24
MUE 2008 General
Ching-Hsien Hsu
Sora Hall
Employee Lack of Commitment in Information Security Awareness Programs
Jermal Abawajy, Kasey Thatcher, Taihoon Kim

Session 25
MUE 2008 General
Hangbae Chang
Sanho Hall
Security Policy Pre-evaluation towards Risk Analysis
Yi Han, Yoshikazu Horii, Kouichi Sakurai

Session 26
ISA 2008 General
Laurence T. Yang
Pado Hall
Security Research on WMAX with Neural Cryptography
Dong Hu

Session 27
ISA 2008 General
Jianhua Ma
Bada Hall
A Comparative Study of RFID Solutions for Security and Privacy: POP vs. Previous Solutions
Krishan Sabaragamu Korallage, Jingde Cheng

10:15~10:30
Session 23
UMS + WNGS
Sajid Hussain
Jinju Hall
Supporting Appropriate Communication Media Selection In Ubiquitous Environment

Session 24
MUE 2008 General
Ching-Hsien Hsu
Sora Hall
A Transcoding Architecture for Adapting MPEG-21 Digital Items in Mobile Networks

Session 25
MUE 2008 General
Hangbae Chang
Sanho Hall
Design and Implementation of A Trust-based Virtual Storage System for Mobile Devices

Session 26
ISA 2008 General
Laurence T. Yang
Pado Hall
Towards a Security Cockpit

Session 27
ISA 2008 General
Jianhua Ma
Bada Hall

10:30~10:45
Session 23
UMS + WNGS
Sajid Hussain
Jinju Hall
Flexible Key Assignment for a Time-oriented Constraint in a Hierarchy
Shuh-Jeng Wang

Session 24
MUE 2008 General
Ching-Hsien Hsu
Sora Hall
Damaged Compressed File Recovery for Digital Forensics Purposes

Session 25
MUE 2008 General
Hangbae Chang
Sanho Hall
A Secure Virtualized Logging Scheme for Digital Forensics in Comparison with Kernel Module Approach

Session 26
ISA 2008 General
Laurence T. Yang
Pado Hall
A Model of sharing based multi-agents to support adaptive service in ubiquitous environment

Session 27
ISA 2008 General
Jianhua Ma
Bada Hall
Memory Efficient Fuzzy Fingerprint Vault based on the Geometric Hashing

10:45~11:00
Session 23
UMS + WNGS
Sajid Hussain
Jinju Hall
A Study on New Low-Cost RFID System with Mutual Authentication Scheme in Ubiquitous Networks
Soo-Young Kang, Im-Yeong Lee

Session 24
MUE 2008 General
Ching-Hsien Hsu
Sora Hall
SVM-based Video Scene Classification and Segmentation

Session 25
MUE 2008 General
Hangbae Chang
Sanho Hall
Automated Spyware Detection Using End User License Agreements

Session 26
ISA 2008 General
Laurence T. Yang
Pado Hall
Teaching Computer Security using Xen in a Virtual Environment

Session 27
ISA 2008 General
Jianhua Ma
Bada Hall
Towards Reliable Trust Management based on Structural Trust Scopes of Distributed Roles

11:00~11:15
Session 23
UMS + WNGS
Sajid Hussain
Jinju Hall
A general method for shot boundary detection

Session 24
MUE 2008 General
Ching-Hsien Hsu
Sora Hall
Developing Robust Information Delivery System through Bluetooth in Ubiquitous Networks

Session 25
MUE 2008 General
Hangbae Chang
Sanho Hall
Exploring security countermeasures against the attack sequence

Session 26
ISA 2008 General
Laurence T. Yang
Pado Hall
Analyzing the Secure and Energy Efficient Transmissions of Compressed Fingerprint Images using Encryption and Watermarking

Session 27
ISA 2008 General
Jianhua Ma
Bada Hall
An Abnormal Area Scoring for Scalable and Energy-Efficient SensorNet Fault Management

11:15~11:30
Session 23
UMS + WNGS
Sajid Hussain
Jinju Hall
CPOP: Cryptography Process Offloading for Secure Resource Constrained Devices

Session 24
MUE 2008 General
Ching-Hsien Hsu
Sora Hall
Efficient Data Dissemination in Mobile P2P Ad-Hoc Networks for Ubiquitous Computing

Session 25
MUE 2008 General
Hangbae Chang
Sanho Hall
A Web Metering Scheme for Fair Advertisement Transactions

Session 26
ISA 2008 General
Laurence T. Yang
Pado Hall

Session 27
ISA 2008 General
Jianhua Ma
Bada Hall

Conference Tour
Pusan City Tour with Lunch (Half Day Tour)
- Please visit tour desk : About $60 USD -

12:00~