

NSS2012/IDCS2012/ICDKE 2012 Program

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All-in-One

2012-11-20 (Registration)	Lobby of JICUI Building (No.1 Building)			
14:00-23:00	Registration and Conference Kit Collection			
18:30-20:00	Dinner (Buffet) @ Western Restaurant			
2012-11-21 (Day 1)	International Conference Hall @ DAWANG Building (No.6 Building)			
7:30-8:30	Registration and Conference Kit Collection			
8:30-9:00	Opening (Chair: Yang Xiang)			
9:00-10:00	Keynote: <i>Market-Oriented Cloud Computing: Research Opportunities and Challenges</i> (Prof. Rajkumar Buyya)			
10:00-10:30	Photo Shooting + Coffee Break			
10:30-11:30	Keynote: <i>Traceback of Distributed Denial-of-Service (DDoS) Attacks</i> (Prof. Wanlei Zhou)			
11:30-12:30	Keynote: <i>The Future of Access Control: Attributes, Automation and Adaptation</i> (Prof. Ravi Sandhu)			
12:30-14:00	Lunch (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building)			
14:00-17:40	ROOM 1 @ No.5 Building NSS (Pages 2-5)	ROOM 2 @ No.5 Building NSS (Pages 6-9)	ROOM 3 @ No.6 Building IDCS (Pages 10-13)	ROOM 4 @ No.6 Building ICDKE (Pages 14-17)
17:45	Bus Pick-Up Point: In front of JICUI Building (No.1 Building)			
18:00-19:30	Dinner @ Wuyi Palace			
20:00-21:30	Show Watching: "Impression Da Hong Pao", Directed by Yimou Zhang			
2012-11-22 (Day 2)	ROOM 1 @ No.5 Building NSS (Pages 2-5)	ROOM 2 @ No.5 Building NSS (Pages 6-9)	ROOM 3 @ No.6 Building IDCS (Pages 10-13)	ROOM 4 @ No.6 Building ICDKE (Pages 14-17)
8:30-12:30	Lunch (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building)			
12:30-14:00	Lunch (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building)			
14:00-18:05	NSS (Pages 2-5)	NSS (Pages 6-9)	IDCS (Pages 10-13)	ICDKE (Pages 14-17)
18:10-18:30	Closing @ ROOM 1		Closing	Closing
18:30-21:00	Banquet @ Banquet Hall, DAWANG Building (No.6 Building)			
2012-11-23 (Day 3)	Tour (8:00-16:30): Mountain Hiking (Morning) + Lunch + Bamboo Rafting (Afternoon)			
8:00	Bus Pick-Up Point: In front of JICUI Building (No.1 Building)			
18:30	Dinner (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building)			

NSS 2012 Program (I)

2012-11-20 (Registration) @ Lobby of JICUI Building (No.1 Building)

14:00-23:00 Registration and Conference Kit Collection

18:30-20:00 **Dinner (Buffet) @ Western Restaurant**

2012-11-21 Day 1: 8:30-12:30 @ International Conference Hall, DAWANG Building (No.6 Building)

7:30-8:30 Registration and Conference Kit Collection

8:30-12:30 **International Conference Hall @ DAWANG Building (No.6 Building)**

8:30-9:00 **Opening (Chair: Yang Xiang)**

9:00-10:00 Keynote: Market-Oriented Cloud Computing: Research Opportunities and Challenges (*Prof. Rajkumar Buyya*)

10:00-10:30 Photo Shooting + Coffee Break

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11:30-12:30 Keynote: The Future of Access Control: Attributes, Automation and Adaptation (*Prof. Ravi Sandhu*)

Lunch (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building): 12:30-14:00

2012-11-21 Day 1: 14:00-15:40 @ ROOM 1, 2nd Floor, Qingchuang Building (No.5 Building): Network Security I (Chair: Wanlei Zhou)

14:00-14:25 Enhancing List-based Packet Filter using IP Verification Mechanism against IP Spoofing Attack in Network Intrusion Detection
Yuxin Meng and Lam-for Kwok

14:25-14:50 On the Automated Analysis of Safety in Usage Control: A New Decidability Result
Silvio Ranise and Alessandro Armando

14:50-15:15 Attestation of Mobile Baseband Stacks
Steffen Wagner, Sascha Wessel, and Frederic Stumpf

15:15-15:40 A Scalable Link Model for Local Optical Wireless Networks
Tae-Gyu Lee and Gi-Soo Chung

Coffee Break 15:40-16:00

NSS 2012 Program (I) @ ROOM 1, 2nd Floor, Qingchuang Building (No.5 Building)

2012-11-21 Day 1: 16:00-17:40 @ ROOM 1: Network Security II (Chair: Elisa Bertino)

- 16:00-16:25 Boardroom Voting Scheme with Unconditionally Secret Ballots Based on DC-net
Long-Hai Li, Cheng-Qiang Huang, and Shao-Feng Fu
- 16:25-16:50 Resilience Strategies for Networked Malware Detection and Remediation
Yue Yu, Michael Fry, Bernhard Plattner Paul Smith, and Alberto Schaeffer-Filho
- 16:50-17:15 Detecting Spammers via Aggregated Historical Data Set
Eitan Menahem, Rami Pusiz, and Yuval Elovici
- 17:15-17:35 Scrutinizing Well-known Countermeasures against Clone Node Attack in Mobile Wireless Sensor Networks (Industry Track Paper)
Wazir Zada Khan, Mohamad Naufal Mohamad Saad and Mohammed Y Aalsalem

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- 20:00-21:30 Show Watching: "Impression Da Hong Pao", Directed by Yimou Zhang
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2012-11-22 Day 2: 8:30-10:10 @ ROOM 1: System Security I (Chair: Willy Susilo)

- 8:30-8:55 Addressing Situational Awareness in Critical Domains of a Smart Grid
Cristina Alcaraz and Javier Lopez
- 8:55-9:20 Identifying OS Kernel Objects for Run-time Security Analysis
Amani S. Ibrahim, James Hamlyn-Harris, John Grundy, and Mohamed Almorsy
- 9:20-9:45 Background Transfer Method for Ubiquitous Computing
Tae-Gyu Lee and Gi-Soo Chung
- 9:45-10:05 How Network Coding System Constrains Packet Pollution Attacks in Wireless Sensor Networks (Industry Track Paper)
Yuanyuan Zhang and Marine Minier

Coffee Break: 10:10-10:30

NSS 2012 Program (I) @ ROOM 1, 2nd Floor, Qingchuang Building (No.5 Building)

2012-11-22 Day 2: 10:30-12:30 @ ROOM 1: System Security II (Chair: Jianying Zhou)

- 10:30-10:55 Operating System Kernel Data Disambiguation to Support Security Analysis
Amani S. Ibrahim, John Grundy, James Hamlyn-Harris, and Mohamed Almorsy
- 10:55-11:20 FlexCOS: An open Smartcard Platform for Research and Education
Kristian Beilke and Volker Roth
- 11:20-11:45 Towards Formalizing a Reputation System for Cheating Detection in Peer-to-Peer-based Massively Multiplayer Online Games
Willy Susilo, Yang-Wai Chow, and Rungrat Wiangsripanawan
- 11:45-12:10 Proof of Possession for Cloud Storage via Lagrangian Interpolation Techniques
Lukasz Krzywiecki and Mirosław Kutylowski
- 12:10-12:30 FASER (Formal and Automatic Security Enforcement by Rewriting) by BPA Algebra with Test (Industry Track Paper)
Guangye Sui and Mohamed Mejri

Lunch (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building): 12:30-14:00

2012-11-22 Day 2: 14:00-15:40 @ ROOM 1: Public Key Cryptography I (Chair: Shaohua Tang)

- 14:00-14:25 Practical Certificateless Public Key Encryption in the Standard Model
Wenjie Yang, Futai Zhang, and Limin Shen
- 14:25-14:50 (Strong) Multi-Designated Verifiers Signatures Secure Against Rogue Key Attack
Yunmei Zhang, Man Ho Au, Guomin Yang, and Willy Susilo
- 14:50-15:15 Direct CCA Secure Identity-based Broadcast Encryption
Leyou Zhang, Qing Wu, and Yupu Hu
- 15:15-15:40 A Communication Efficient Group Key Distribution Scheme for MANETs
Yang Yang

Coffee Break: 15:40-16:00

NSS 2012 Program (I) @ ROOM 1, 2nd Floor, Qingchuang Building (No.5 Building)

2012-11-22 Day 2: 16:00-18:30 @ ROOM 1: Public Key Cryptography II (Chair: Xiaofeng Chen)

- 16:00-16:25 Selective Opening Chosen Ciphertext Security Directly from the DDH Assumption
Shengli Liu, Fangguo Zhang, and Kefei Chen
- 16:25-16:50 Proxy Signature Scheme Based on Isomorphisms of Polynomials
Shaohua Tang and Lingling Xu
- 16:50-17:15 Universal Designated Verifier Signcryption
Fei Tang, Changlu Lin, and Pinhui Ke
- 17:15-17:35 Linear Threshold Verifiable Secret Sharing in Bilinear Groups (Industry Track Paper)
Jie Zhang and Futai Zhang
- 17:35-17:55 Leakage-Resilient Identity-Based Encryption Scheme (Industry Track Paper)
Li Sujuan and Zhang Futai
- 18:10-18:30 Closing**
- 18:30-21:00 Banquet @ Banquet Hall, DAWANG Building (No.6 Building)**
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2012-11-23 (Day 3) : Tour (8:00-16:30): Mountain Hiking (Morning) + Lunch + Bamboo Rafting (Afternoon)

- 8:00 Bus Pick-Up Point: In front of JICUI Building (No.1 Building)**
- 18:30 Dinner (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building)**

NSS 2012 Program (II)

2012-11-20 (Registration) @ Lobby of JICUI Building (No.1 Building)

14:00-23:00 Registration and Conference Kit Collection

18:30-20:00 Dinner (Buffet) @ Western Restaurant

2012-11-21 Day 1: 8:30-12:30 @ International Conference Hall, DAWANG Building (No.6 Building)

7:30-8:30 Registration and Conference Kit Collection

8:30-12:30 **International Conference Hall @ DAWANG Building (No.6 Building)**

8:30-9:00 **Opening (Chair: Yang Xiang)**

9:00-10:00 Keynote: Market-Oriented Cloud Computing: Research Opportunities and Challenges (*Prof. Rajkumar Buyya*)

10:00-10:30 Photo Shooting + Coffee Break

10:30-11:30 Keynote: Traceback of Distributed Denial-of-Service (DDoS) Attacks (*Prof. Wanlei Zhou*)

11:30-12:30 Keynote: The Future of Access Control: Attributes, Automation and Adaptation (*Prof. Ravi Sandhu*)

Lunch (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building): 12:30-14:00

2012-11-21 Day 1: 14:00-15:40 @ ROOM 2, 2nd Floor, Qingchuang Building (No.5 Building): Security Analysis (Chair: Jin Li)

14:00-14:25 Cryptanalysis of Exhaustive Search on Attacking RSA
Mu-En Wu, Raylin Tso, and Hung-Min Sun

14:25-14:50 On the Improvement of Fermat Factorization
Mu-En Wu, Raylin Tso, and Hung-Min Sun

14:50-15:15 Impossible Differential Cryptanalysis on Tweaked E2
Yuechuan Wei, Xiaoyuan Yang, Chao Li, and Weidong Du

15:15-15:40 Linear Cryptanalysis and Security Tradeoff of Block Ciphering Systems With Channel Errors
Jing Guo and Zhuxiao Wang

Coffee Break (15:40-16:00)

NSS 2012 Program (II) @ ROOM 2, 2nd Floor, Qingchuang Building (No.5 Building)

2012-11-21 Day 1: 16:00-17:40 @ ROOM 2: Access Control (Chair: Hung-Min Sun)

- 16:00-16:25 Efficient Keyword Search over Encrypted Data with Fine-Grained Access Control in Hybrid Cloud
Jingwei Li, Jin Li, Xiaofeng Chen, Chunfu Jia, and Zheli Liu
- 16:25-16:50 Masque: Access Control for Interactive Sharing of Encrypted Data in Social Networks
Huimin Shuai and Wen Tao Zhu
- 16:50-17:15 Mitigating the Intractability of the User Authorization Query Problem in Role-Based Access Control (RBAC)
Nima Mousavi and Mahesh V. Tripunitara
- 17:15-17:35 Fine-grained Access Control for Cloud Computing (Industry Track Paper)
Xinfeng Ye
- 17:45 Bus Pick-Up Point: In front of JICUI Building (No.1 Building)**
- 18:00-19:30 Dinner @ Wuyi Palace
- 20:00-21:30 Show Watching: "Impression Da Hong Pao", Directed by Yimou Zhang
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2012-11-22 Day 2: 8:30-10:10 @ ROOM 2: Privacy I (Chair:)

- 8:30-8:55 A Bird's Eye View on the I2P Anonymous File-sharing Environment
Juan Pablo Timpanaro, Isabelle Chrisment, and Olivier Festor
- 8:55-9:20 A Clustering-based Approach for Personalized Privacy Preserving Publication of Moving Object Trajectory Data
Samaneh Mahdavifar, Mahdi Abadi, Mohsen Kahani, and Hassan Mahdikhani
- 9:20-9:45 Estimating the Number of Hosts Corresponding to an Address while Preserving Anonymity
Alif Wahid, Christopher Leckie, and Chenfeng Zhou
- 9:45-10:10 Private Friends on a Social Networking Site Operated by an Overly Curious SNP
Roman Schlegel and Duncan S. Wong

Coffee Break: 10:10-10:30

NSS 2012 Program (II) @ ROOM 2, 2nd Floor, Qingchuang Building (No.5 Building)

2012-11-22 Day 2: 10:30-12:30 @ ROOM 2: Privacy II (Chair: Duncan S. Wong)

- 10:30-10:55 Differential Privacy Data Release through Adding Noise on Average Value
Xilin Zhang, Yingjie Wu, and Xiaodong Wang
- 10:55-11:20 Selective and Confidential Message Exchange in Vehicular Ad Hoc Networks
Sushama Karumanchi, Anna Squicciarini, and Dan Lin
- 11:20-11:40 Privacy-Preserving Logistic Regression Outsourcing in Cloud Computing (Industry Track Paper)
Xudong Zhu and Hui Li
- 11:40-12:00 An Efficient Attribute-based Signature Scheme with Claim-Predicate Mechanism (Industry Track Paper)
Changji Wang and Wentao Li
- 12:00-12:20 Hierarchical Identity-Based Encryption without Key Delegation in Decryption (Industry Track Paper)
Song Luo and Zhong Chen

Lunch (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building): 12:30-14:00

2012-11-22 Day 2: 14:00-15:40 @ ROOM 2: Industry Track Papers (Chair: Robert H. Deng)

- 14:00-14:20 Anti-Cropping Digital Image Watermarking Using Sudoku
Shamsul Kamal Ahmad Khalid, Mustafa Mat Deris and Kamarudin Malik Mohamad
- 14:20-14:40 Strand Spaces Analysis of Electronic Commerce Protocols
Yichun Liu and Huanguo Zhang
- 14:40-15:00 A Novel Vulnerability Detection Method for ZigBee MAC Layer
Siwei Peng, Baojiang Cui, Ru Jia, Yiyang Zhang and Shurui Liang
- 15:00-15:20 Access Control Requirements for Structured Document in Cloud Computing
Jinbo Xiong, Zhiqiang Yao and Jianfeng Ma
- 15:20-15:40 Visual Model Detecting Spam Emails
Jinson Zhang, Mao Lin Huang and Doan Hoang

Coffee Break: 15:40-16:00

NSS 2012 Program (II) @ ROOM 2, 2nd Floor, Qingchuang Building (No.5 Building)

2012-11-22 Day 2: 16:00-18:05 @ ROOM 2: Authentication (Chair: Wen Tao Zhu)

- 16:00-16:25 Efficient and Robust Identity-Based Handoff Authentication in Wireless Networks
Qi Han, Yinghui Zhang, Xiaofeng Chen, Hui Li, and Jiexiang Quan
- 16:25-16:50 An Improved Authentication Scheme for H.264/SVC and its Performance Evaluation over Non-stationary Wireless Mobile Networks
Yifan Zhao, Swee-Won Lo, Robert H. Deng and Xuhua Ding
- 16:50-17:15 The Performance of Public Key-based Authentication Protocols
Kaiqi Xiong
- 17:15-17:40 Cryptanalysis of Two Dynamic ID-based Remote User Authentication Schemes for Multi-Server Architecture”
Ding Wang, Chun-guang Ma, De-li Gu ,and Zhen-shan Cui
- 17:40-18:05 A Secure and Private RFID Authentication Protocol under SLPN Problem
Mohammad S. I. Mamun, Atsuko Miyaji, and Mohammad S. Rahman
- 18:10-18:30 Closing @ ROOM 1
- 18:30-21:00 Banquet @ Banquet Hall, DAWANG Building (No.6 Building)**
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2012-11-23 (Day 3) : Tour (8:00-16:30): Mountain Hiking (Morning) + Lunch + Bamboo Rafting (Afternoon)

- 8:00 **Bus Pick-Up Point: In front of JICUI Building (No.1 Building)**
- 18:30 **Dinner (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building)**

IDCS 2012 Program

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14:00-23:00 Registration and Conference Kit Collection

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2012-11-21 Day 1: 8:30-12:30 @ International Conference Hall, DAWANG Building (No.6 Building)

7:30-8:30 Registration and Conference Kit Collection

8:30-12:30 International Conference Hall @ DAWANG Building (No.6 Building)

8:30-9:00 **Opening (Chair: Yang Xiang)**

9:00-10:00 Keynote: Market-Oriented Cloud Computing: Research Opportunities and Challenges (*Prof. Rajkumar Buyya*)

10:00-10:30 Photo Shooting + Coffee Break

10:30-11:30 Keynote: Traceback of Distributed Denial-of-Service (DDoS) Attacks (*Prof. Wanlei Zhou*)

11:30-12:30 Keynote: The Future of Access Control: Attributes, Automation and Adaptation (*Prof. Ravi Sandhu*)

Lunch (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building): 12:30-14:00

2012-11-21 Day 1: 14:00-15:40 @ ROOM 3, 4th Floor, DAWANG Building (No.6 Building): Ad-Hoc and Sensor Networks (Chair:)

14:00-14:25 An Efficient Detection Model of Selective Forwarding Attacks in Wireless Mesh Networks
Shapla Khanam, Habibullah Yusuf Saleem, and Al-Sakib Khan Pathan

14:25-14:50 Effective Ad Hoc Social Networking on OLSR MANET Using Similarity of Interest Approach
Teerapat Sanguankotchakorn, Shradha Shrestha, and Nobuhiko Sugino

14:50-15:15 Distributed Algorithms for the Creation of a New Distributed IDS in MANETs
Paulo M. Mafra, Joni da Silva Fraga, and Altair Olivo Santin

15:15-15:40 Practical Privacy for Value-Added Applications in Vehicular Ad Hoc Networks
Lei Zhang, Qianhong Wu, Bo Qin, and Josep Domingo-Ferrer

Coffee Break 15:40-16:00

IDCS 2012 Program @ ROOM 3, 4th Floor, DAWANG Building (No.6 Building)

2012-11-21 Day 1: 16:00-17:15 @ ROOM 3: Resilience, Fault Tolerance, and Availability (Chair:)

- 16:00-16:25 Limitation of Listed-Rule Firewall and the Design of Tree-Rule Firewall
Thawatchai Chomsiri, Xiangjian He, and Priyadarsi Nanda
- 16:25-16:50 Designated Condition One-Time Signatures
Wei Gao, Kefei Chen, Guilin Wang, and Xueli Wang
- 16:50-17:15 A Continuous Reverse Skyline Query Processing Considering the Mobility of Query Objects
Jongtae Lim, Yonghun Park, Kyoungsoo Bok, and Jaesoo Yoo

17:45 **Bus Pick-Up Point: In front of JICUI Building (No.1 Building)**

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- 20:00-21:30 Show Watching: "Impression Da Hong Pao", Directed by Yimou Zhang
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2012-11-22 Day 2: 8:30-10:10 @ ROOM 3: Internet and Web Technologies (Chair:)

- 8:30-8:55 Optimizing Streaming Server Selection for CDN-Delivered Live Streaming
Zhenyun Zhuang and Shun Kwok
- 8:55-9:20 A Novel Hybrid IP Traceback Scheme with Packet Counters
Tomoyuki Karasawa, Masakazu Soshi, and Atsuko Miyaji
- 9:20-9:45 A Secure Mix Network with an Efficient Validity Verification Mechanism
Kun Peng and Yuexin Zhang
- 9:45-10:05 DLPR: A Distributed Locality Preserving Dimension Reduction Algorithm
Mina Ghashami, Hoda Mashayekhi, and Jafar Habibi

Coffee Break: 10:10-10:30

IDCS 2012 Program @ ROOM 3, 4th Floor, DAWANG Building (No.6 Building)

2012-11-22 Day 2: 10:30-12:10 @ ROOM 3: Information Infrastructure (Chair:)

- 10:30-10:55 MashStudio: An On-the-fly Environment for Rapid Mashup Development
Jianyu Yang, Jun Han, Xu Wang, and Hailong Sun
- 10:55-11:20 BSU: A Biased Seed Unchoking Algorithm for P2P Systems
Xianglin Wei, Guomin Zhang, Jianhua Fan, and Ming Chen
- 11:20-11:45 A Note on Constant-Round Concurrent Zero-Knowledge Arguments of Knowledge for NP
Hongda Li, Yang Liu, and Qihua Niu
- 11:45-12:10 On the Checkpointing Strategy in Desktop Grids
Dongping Wang and Bin Gong

Lunch (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building): 12:30-14:00

2012-11-22 Day 2: 14:00-15:40 @ ROOM 3: Network Operations and Management (Chair:)

- 14:00-14:25 A Leader-Based Reliable Multicast MAC Protocol for MPEG-4 Traffic
Muhammad Khalil Afzal, Byung-Seo Kim, and Sung Won Kim
- 14:25-14:50 On Action Permutation and Progress for Partially Commutative Asynchronous Binary Sessions
Zhenguo Yang, Farong Zhong, Jinfang Zhang, and Tiantian Song
- 14:50-15:15 A NetFlow v9 Measurement System with Network Performance Function
Guang Cheng and Hua Wu
- 15:15-15:40 Efficient Ciphertext-Policy Attribute Based Encryption with Hidden Policy
Xiaohui Li, Dawu Gu, Yanli Ren, Ning Ding, and Kan Yuan

Coffee Break: 15:40-16:00

IDCS 2012 Program @ ROOM 3, 4th Floor, DAWANG Building (No.6 Building)

2012-11-22 Day 2: 16:00-17:15 @ ROOM 3: Intrusion Detection in Distributed Systems (Chair:)

- 16:00-16:25 Performance Analysis of Wireless Intrusion Detection Systems
Khalid Nasr, Anas Abou-El Kalam, and Christian Fraboul
- 16:25-16:50 SQL Injection Detection via Program Tracing and Machine Learning
Yi Wang and Zhoujun Li
- 16:50-17:15 Towards a Secure and Available Smart Grid Using Intrusion Tolerance
Maryam Tanha and Fazirulhisyam Hashim
- 17:15-17:30 Closing
- 18:30-21:00 Banquet @ Banquet Hall, DAWANG Building (No.6 Building)**
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ICDKE 2012 Program

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Lunch (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building): 12:30-14:00

2012-11-21 Day 1: 14:00-15:40 @ ROOM 4, 4th Floor, DAWANG Building (No.6 Building): Data Security I (Chair: Muhammad Khurram Khan)

14:00-14:25 A Secure and Efficient Mix Network Especially Suitable for E-Voting [Full]
Kun Peng

14:25-14:50 Power Analysis Based Reverse Engineering on the Secret Round Function of Block Ciphers [Full]
Ming Tang, Zhenlong Qiu, Weijie Li, Shubo Liu, and Huanguo Zhang

14:50-15:15 PEVS: A Secure Electronic Voting Scheme Using Polling Booths [Full]
Md. Abdul Based, Joe-Kai Tsay, and Stig Fr. Mjølshnes

15:15-15:40 Certificate-Based Key-Insulated Signature [Full]
Haiting Du, Jiguo Li, Yichen Zhang, Tao Li, and Yuexin Zhang

Coffee Break (15:40-16:00)

ICDKE 2012 Program @ ROOM 4, 4th Floor, DAWANG Building (No.6 Building)

2012-11-21 Day 1: 16:00-17:40 @ ROOM 4: Data Security II (Chair: Raylin TSO)

- 16:00-16:25 The Generalized Construction and Linear Complexity of Binary Sequences with Three-Level Autocorrelation Values
Zuling Chang and Dandan Li
- 16:25-16:50 Anonymous Hierarchical Identity-Based Encryption in Prime Order Groups [Full]
Yanli Ren, Shuozhong Wang, and Xinpeng Zhang
- 16:50-17:15 Weaknesses of “Security Analysis and Enhancement for Three-Party Password-Based Authenticated Key Exchange Protocol” [Full]
Muhammad Khurram Khan and Debiao He
- 17:45 Bus Pick-Up Point: In front of JICUI Building (No.1 Building)**
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2012-11-22 Day 2: 8:30-10:10 @ ROOM 4: Data Engineering (Chair: Xinyi Huang)

- 8:30-8:55 OR-Tree: An Optimized Spatial Tree Index for Flash-Memory Storage Systems [Full]
Na Wang, Peiquan Jin, Shouhong Wan, Yinghui Zhang, and Lihua Yue
- 8:55-9:20 Towards a Case-Based Reasoning Approach Based on Ontologies Application to Railroad Accidents [Short]
Ahmed Maalel, Lassad Mejri, Habib Hadj-Mabrouk, and Henda Ben Ghezela
- 9:20-9:40 Transforming Nescient Activity into Intelligent Activity [Short]
Rafiqul Haque, Nenad Krdzavac, and Tom Butler
- 9:40-10:00 Self-adaptive Non-stationary Parallel Multisplitting Two-Stage Iterative Methods for Linear Systems [Short]
Guo-Yan Meng, Chuan-Long Wang, and Xi-Hong Yan

Coffee Break: 10:10-10:30

ICDKE 2012 Program @ ROOM 4, 4th Floor, DAWANG Building (No.6 Building)

2012-11-22 Day 2: 10:30-12:10 @ ROOM 4: Information Retrieval (Chair: Ji Zhang)

- 10:30-10:55 Nautilus: A Generic Framework for Crawling Deep Web [Full]
Jianguo Zhao and Peng Wang
- 10:55-11:20 Chinese Latent Relational Search Based on Relational Similarity [Full]
Chao Liang and Zhao Lu
- 11:20-11:45 Directional Skyline Queries [Full]
Eman El-Dawy, Hoda M.O. Mokhtar, and Ali El-Bastawissy
- 11:45-12:05 Retrieving Information from Microblog Using Pattern Mining and Relevance Feedback [Short]
Cher Han Lau, Xiaohui Tao, Dian Tjondronegoro, and Yuefeng Li

Lunch (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building): 12:30-14:00

2012-11-22 Day 2: 14:00-15:40 @ ROOM 4: Data Mining (Chair: Jiguo Li)

- 14:00-14:25 Wikipedia Category Graph and New Intrinsic Information Content Metric for Word Semantic Relatedness Measuring [Full]
Mohamed Ali Hadj Taieb, Mohamed Ben Aouicha, Mohamed Tmar, and Abdelmajid Ben Hamadou
- 14:25-14:50 A Self-stabilizing Algorithm for Finding a Minimal K-Dominating Set in General Networks [Full]
Guangyuan Wang, Hua Wang, Xiaohui Tao, and Ji Zhang
- 14:50-15:15 Determining Pattern Similarity in a Medical Recommender System [Full]
Maytihan Komkhao, Jie Lu, and Lichen Zhang
- 15:15-15:35 Optimal Combination of Feature Weight Learning and Classification Based on Local Approximation [Short]
Hongmin Cai and Michael Ng

Coffee Break: 15:40-16:00

ICDKE 2012 Program @ ROOM 4, 4th Floor, DAWANG Building (No.6 Building)

2012-11-22 Day 2: 16:00-18:05 @ ROOM 4: Data Management (Chair: Hongmin Cai)

- 16:00-16:25 An Innovative Outlier Detection Method Using Localized Thresholds [Full]
Ji Zhang, Jie Cao, and Xiaodong Zhu
- 16:25-16:45 A Model of User-Oriented Reduct Construction Based on Minimal Set Cover [Short]
Suqing Han and Guimei Yin
- 16:45-17:05 An Agile Knowledge Discovery in Databases Software Process [Short]
Givanildo Santana do Nascimento and Adicinéia Aparecida de Oliveira
- 17:10-17:20 Closing

18:30-21:00 Banquet @ Banquet Hall, DAWANG Building (No.6 Building)

2012-11-23 (Day 3) : Tour (8:00-16:30): Mountain Hiking (Morning) + Lunch + Bamboo Rafting (Afternoon)

- 8:00 Bus Pick-Up Point: In front of JICUI Building (No.1 Building)
- 18:30 Dinner (Buffet) @ Banquet Hall, DAWANG Building (No.6 Building)