

Program Detail

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| <p>Session 1: Data Security I Session Chair: Youwen Zhu 14:00-15:30, August 13, 2015. Room 107, A12 (A12楼 107室)</p> <hr/> <p>1) No44, Mingfu Xue, Jian Wang, Youdong Wang and Aiqun Hu. Security against hardware Trojan attacks through a novel chaos FSM and delay chains array PUF based design obfuscation scheme</p> <p>2) No60, Ting Zhong, Xiao Han, Yunshuo Yang and Aixiang Zhu. Privacy-Preserving Multidimensional Range Query on Real-time Data</p> <p>3) No102, Zhaoxia Yin, Huabin Wang, Haifeng Zhao, Bin Luo and Xinpeng Zhang. Complete Separable Reversible Data Hiding in Encrypted Image</p> <p>4) No85, Xing Zhang, Cancan Jin, Zilong Wen, Qingni Shen, Yuejian Fang and Zhonghai Wu. Attribute-Based Encryption without Key Escrow</p> <p>5) No92, Zhu Shidong, Jiang Liu and Zhou Zhenliu. An Efficiency Access Control Optimizing Technique Based on Local Agency in Cryptographic Cloud Storage</p> |
| <p>Session 2: System Security I Session Chair: Yang Li 14:00-15:30, August 13, 2015. Room 205, A12 (A12楼 205室)</p> <hr/> <p>1) No98, Jie Yang, Zhiqiang Zhu, Lei Sun, Jingci Zhang and Xianwei Zhu. Enhancing Security of IaaS Cloud with Fraternal Security Cooperation between Cloud Platform and Virtual Platform</p> <p>2) No79, Blaz Ivanc and Tomaz Klobucar. Analysis of Advanced Cyber Attacks with Quantified ESM</p> <p>3) No74, Jun Xu, Feng Xu, Wenna Chang and Haiguang Lai. Research and Development of Trust Mechanism in Cloud Computing</p> <p>4) No43, Zhidan Wang, Jian Wang and Yanfei Zhao. The Optimization Model of Trust for White-washing</p> <p>5) No16, Nannan Shao, Zhiping Zhou and Ziwen Sun. A Lightweight and Dependable Trust Model for Clustered Wireless Sensor Networks</p> |
| <p>Session 3: Cloud Platform I Session Chair: Huawei Tu 16:00-17:30, August 13, 2015. Room 107, A12 (A12楼 107室)</p> <hr/> <p>1) No97, Wang Xue, Yuan Jia-Bin and Zhao Xing-Fang. Parallel processing of SAR Imaging Algorithms for Large Areas Using Multi-GPU</p> <p>2) No4, Wenjun Zhang and Fenglin Zhang. Failure modes and effects analysis based on fuzzy TOPSIS</p> <p>3) No37, Xiangwen Feng and Xuefeng Yan. Dynamic Data Driven Particle Filter for Agent-based Traffic State Estimation</p> <p>4) No39, Yinmeng Wang and Qingwei Du. An Improved Dynamic Spectrum Access Scheme in Cognitive Networks</p> <p>5) No57, Jun Wang, Yi Zhuang and Siru Ni. The design and implementation of a dynamic verification system of Z</p> <p>6) No86, Hanjie Yang and Bing Chen. OpenFlow-based Load Balancing for Wireless Mesh network</p> |

Session 4: Data Analysis in Cloud I**Session Chair: Dong Liang****16:00-17:30, August 13, 2015. Room 205, A12 (A12 楼 205 室)**

- 1) No53, Qi Zhu, Baisheng Dai, Zizhu Fan and Zheng Zhang. Fast Sparse Representation Classification using Transfer Learning
- 2) No78, Haiyan Chen, Jiajia Deng, Bo Sun and Jiandong Wang. An Airport Noise Prediction Model based on Selective Ensemble of LOF-FSVR
- 3) No75, Zhang Ying, Zheng Hongyuan and Ding Qiuling. Top-k Distance-Based Outlier Detection on Uncertain Data
- 4) No3, Dingcheng Wang, Yujia Ni and Beijing Chen. Wind Speed and Direction Predictions Based on Multidimensional Support Vector Regression with Data-Dependent Kernel
- 5) No36, Jiang Zhu, Dechang Pi, Pan Xiong and Xuhui Shen. Sequential Pattern Mining and Matching Method with its Application on Earthquakes
- 6) No32, Zhiping Zhou, Daowen Zhang, Ziwen Sun and Wang Jiefeng. An Adaptive Hybrid PSO and GSA Algorithm for Association Rules Mining

Session 5: Data Security II**Session Chair: Xin Li****14:00-15:30, August 14, 2015. Room 107, A12 (A12 楼 107 室)**

- 1) No80, Fengli Zhang and Yijing Bai. ARM-based Privacy Preserving for Medical Data Publishing
- 2) No40, Dai Xuejun, Huang Yuhua, Chen Lu, Lu Tingting and Su Fei. VH : A Lightweight Block Cipher Based on Dual Pseudo-Random Transformation
- 3) No46, Ziyang Wang and Jian Wang. A Provably Secure Ciphertext-Policy Hierarchical Attribute-Based Encryption
- 4) No45, Cheng Qian, Jian Wang. Secure and Efficient Protocol for Outsourcing Large-Scale Systems of Linear Equations to the Cloud
- 5) No106, Jiali Wang, Hongshen Liu and Yue Ruan. Multi-threshold Image Segmentation based on Improved Quantum-behaved Particle Swarm Optimization Algorithm

Session 6: System Security II**Session Chair: Mingfu Xue****14:00-15:30, August 14, 2015. Room 205, A12 (A12 楼 205 室)**

- 1) No81, Yu Xueyong and Jiang Guohua. A Web Security Testing Method Based on Web Application Structure
- 2) No7, Jing Li. Network Information Security Challenges and Relevant Strategic Thinking As High-lighted by "PRISM"
- 3) No87, Miao Li, Qiang Xie and Qiulin Ding. An Improved Data Cleaning Algorithm Based on SNM
- 4) No55, 汪 姝 玮, 王 宝 生, 唐 勇 and 喻 波. Malware Clustering Based On SNN Density Using System Calls.
- 5) No68, Xu Chenhui, Chen Bing and Qian Hongyan. A Dynamic Resource Allocation Model For Guaranteeing Quality of Service in Software Defined Networking based Cloud Computing Environment
- 6) No59, Jiayi Gu, Yu Zhou, Weigang Wu and Taolue Chen. Analyzing Eventual Leader Election Protocols for Dynamic Systems by Probabilistic Model Checking

Session 7: Cloud Platform II**Session Chair: Yanchao Zhao****16:00-17:30, August 14, 2015. Room 107, A12 (A12 楼 107 室)**

- 1) No22, Yao Shen, Xiaolin Qin and Sheng Wang. Efficient Query Algorithm of Coallocation-Parallel-Hash-Join in the cloud data center
- 2) No89, Jiangyong Shi, Yuexiang Yang, Chengye Li and Xiaolei Wang. SPEMS: A stealthy and practical execution monitoring system based on VMI
- 3) No91, Xiongli Rui, Xuehong Cao and Jie Yang. A Total Power Control Cooperative MAC Protocol for Wireless Sensor Networks
- 4) No2, Shuihua Wang, Xingxing Zhou, Guangshuai Zhang, Genlin Ji, Jiquan Yang, Zheng Zhang, Zeyuan Lu and Yudong Zhang. Cluster Analysis by Variance Ratio Criterion and Quantum-behaved PSO
- 5) No82, Huanhuan Wang, Qun Yang and Lei Fang. Maximizing Positive Influence in Signed Social Networks
- 6) No104, Jian Shen, Weidong Cai, Qi Liu, Baowei Wang, Zhangjie Fu and Nigel Linge. An Extreme Learning Approach to Fast Prediction in the Reduce Phase of a Cloud Platform

Session 8: Data Analysis in Cloud II**Session Chair: Youwen Zhu****16:00-17:30, August 14, 2015. Room 205, A12 (A12 楼 205 室)**

- 1) No105, Xinying Wang and Fangming Gu. Application of Semantic-based Laplacian Eigenmaps Method in 3D Model Classification and Retrieval
- 2) No49, Shuai Hu. Teaching Quality Assessment Model Based on Analytic Hierarchy Process and LVQ Neural Network
- 3) No15, Xue Peng and Yuren Zhou. Performance Analysis of (1+1)EA on the Maximum Independent Set Problem
- 4) No30, Yueqing Ren, Zhiyi Qu and Xiaodong Liu. A Robust Iris Segmentation Algorithm Using Active Contours Without Edges and Improved Circular Hough Transform
- 5) No62, Yang Luo, Qingni Shen, Cong Li, Kang Chen and Zhonghai Wu. Probing the Scheduling Algorithms in the Cloud Based on OpenStack
- 6) No10, Sun Lei, Zhao Zhiyuan, Wang Feiran and Jin Lei. Research on Rootkit Detection Model Based on Intelligent Optimization Algorithm in the Virtualization Environment