

The IEEE International Conference on Trust, Security and Privacy in
Computing and Communications (TrustCom 2014) & The IEEE
International Conference on Big Data Science and Engineering (BDSE 2014)
24th-26th September, Beijing

Tuesday September 23th

18:30 - 20:30 Conference Reception (Wenjin Hotel 4th Floor Function Room)

Wednesday September 24th

08:30 - 18:00 Registration Open

09:00 - 09:10 Welcome & Opening Remarks (FIT Lecture Room)

09:10 - 09:50 Keynote I (FIT Lecture Room)
Modelling the Propagation of Worms and Rumours in Networks
Prof. Wanlei Zhou
Deakin University, Australia

09:50 - 10:10 Coffee Break

10:10 - 10:50 Keynote II (FIT Lecture Room)
Advanced Ad Hoc and Mesh Networks Technologies to
Facilitate Specialized Disaster-resilient Networks
Prof. Nei Kato
Tohoku University, Japan

11:00 - 11:40 Keynote III (FIT Lecture Room)
Cloud Computing, Big Data and Scalable Privacy Preservation,
Prof. Junjin Chen
University of Technology, Sydney Australia

12:00 - 14:00 Lunch

14:00 - 15:40 TrustCom Session #1 (FIT 1-315), TrustCom Session #2(FIT 1-415), NOPE 2014 (FIT 1-312)

15:40 - 16:00 Coffee Break

16:00 - 17:40 TrustCom Session #3(FIT 1-315), TrustCom Session #4(FIT 1-415), UbiSafe 2014 (FIT 1-312)

25th September Thursday

08:30 - 18:00	Registration Open
08:30 - 17:40	SPMBB 2014 (FIT 1-312)
08:30 - 09:10	TrustCom Session #5 (FIT 1-315), TrustCom Session #6 (FIT 1-415) BDSE Session #1 (FIT 1-515) SpaloT 2014 (Small Lecture Room)
10:10 - 10:30	Coffee Break
10:30 - 12:10	TrustCom Session #7 (FIT 1-315), TrustCom Session #8 (FIT 1-415) BDSE Session #2 (FIT 1-515) SpaloT 2014 (Small Lecture Room)
12:10 - 14:00	Lunch
14:00 - 15:40	TrustCom Session #9 (FIT 1-315), TrustCom Session #10 (FIT 1-415) BDSE Session #3 (FIT 1-515) EFINS 2014 (Small Lecture Room)
15:40 - 16:00	Coffee Break
16:00 - 17:40	TrustCom Session #11 (FIT 1-315), TrustCom Session #12 (FIT 1-415) BDSE Session #4 (FIT 1-515)
18:30 - 20:30	Banquet (“Ninety-nine Yurts” 9# Yong Tai Zhuang East RD Ma Fang Chun Dong Sheng Xiang, Haidian District, Beijing) (九十九顶毡房-海淀区 东升乡马坊村永泰庄北路 9 号) Gathering in front of FIT Building East Gate the Bus will depart at 18:00

26th September Friday

08:30 - 18:00	Registration Open
08:30 - 09:10	Keynote IV (FIT Lecture Room) Information Technology in China: An Introduction Prof. Jiaguang Sun Tsinghua University, China
09:10 - 09:50	Keynote V (FIT Lecture Room) Privacy Preserving Computation in Mobile Crowd-sourcing & Computing Prof. Xiangyang Li, America Illinois Institute of Technology
09:50 - 10:10	Coffee Break
10:10 - 10:50	Keynote VI (FIT Lecture Room) Modern Service Industry in China: Mining and Exploring Heterogeneous Data for Service Oriented Computing Prof. Zhaohui Wu

	Zhejiang University, China
10:50 - 11:30	Keynote VII (FIT Lecture Room) Prof. Xindong Wu University of Vermont, America
11:30 - 14:00	Lunch
14:00 - 15:40	TrustCom Session #13 (FIT 1-315), TScld 2014 (FIT 1-415) BDSE Session #5 (FIT 1-515)
15:40 - 16:00	Coffee Break
16:00 - 17:40	TrustCom Session #14 (FIT 1-315), TrustCom Session #15 (FIT 1-415) BDSE Session #6 (FIT 1-515)

TrustCom Session #1: Privacy in Mobile & Wireless Networks

- A Clustering-Based Privacy-Preserving Method for Uncertain Trajectory Data
Zhou-Fu Cai, He-Xing Yang, Wang Shuang, Xu Jian, Wang-Ming Wei, and Wu-Li Na
- A Lightweight Anonymous Mobile Shopping Scheme Based on DAA for Trusted Mobile Platform
Bo Yang, Dengguo Feng, and Yu Qin
- Automated User Profiling in Location-Based Mobile Messaging Applications
Yao Cheng, Chang Xu, Yi Yang, Lingyun Ying, Purui Su, and Dengguo Feng
- PrivateDroid: Private Browsing Mode for Android
Su Mon Kywe, Christopher Landis, Yutong Pei, Justin Satterfield, Yuan Tian, and Patrick Tague
- TTPCookie: Flexible Third-Party Cookie Management for Increasing Online Privacy
Ashar Javed, Christian Merz, and Joerg Schwenk

TrustCom Session #2: Privacy and Trust in Social Networks

- Adaptive Sharing for Online Social Networks: A Trade-off Between Privacy Risk and Social Benefit
Mu Yang, Yijun Yu, Arosha K. Bandara, and Bashar Nuseibeh
- Garbling in Reverse Order
Tommi Meskanen, Valtteri Niemi, and Noora Nieminen
- Private Outsourcing of Polynomial Functions
Peili Li, Haixia Xu, and Jiaqi Hong

- A Machine Learning Based Trust Evaluation Framework for Online Social Networks
Kang Zhao and Li Pan
- Multi-dimensions of Developer Trustworthiness Assessment in OSS Community
Yu Bai, Gang Yin, and Huaimin Wang

TrustCom Paper Session #3: Security Algorithms

- A Novel Feature Selection Approach for Intrusion Detection Data Classification
Mohammed A. Ambusaidi, Xiangjian He, Zhiyuan Tan, Priyadarsi Nanda, Liang Fu Lu, and Upasana T. Nagar
- An On-Line Anomaly Detection Method Based on a New Stationary Metric - Entropy-Ratio
Ziyu Wang, Jiahai Yang, and Fuliang Li
- Reaching Agreement in Security Policy Negotiation
Yanhuang Li, Nora Cuppens-Boulahia, Jean-Michel Crom, Frédéric Cuppens, and Vincent Frey
- Remembrance of Local Information Status for Enforcing Robustness of Policy-Exchanged Strategies for Trust Negotiation
Yunxi Zhang and Darren Mundy
- Secure and Privacy-Friendly Public Key Generation and Certification
Fábio Borges, Leonardo A. Martucci, Filipe Beato, and Max Mühlhäuser

TrustCom Paper Session #4: Security Applications

- A Stateful Mechanism for the Tree-Rule Firewall
Thawatchai Chomsiri, Xiangjian He, Priyadarsi Nanda, and Zhiyuan Tan
- CAFS: A Framework for Context-Aware Federated Services
Md. Sadek Ferdous and Ron Poet
- Encrypted Keyword Search Mechanism Based on Bitmap Index for Personal Storage Services
Yong Ho Hwang, Jae Woo Seo, and Il Joo Kim
- High Performance FPGA Implementation of Elliptic Curve Cryptography over Binary Fields
Shuai Liu, Lei Ju, Xiaojun Cai, Zhiping Jia, and Zhiyong Zhang
- A High-Performance Distributed Certificate Revocation Scheme for Mobile Ad Hoc

Networks

Chongxian Guo, Huaqiang Xu, Lei Ju, Zhiping Jia, and Jihai Xu

TrustCom Paper Session #5: Security Systems

- SIMS: A Comprehensive Approach for a Secure Instant Messaging Sifter
Günter Fahrnberger
- Towards Designing an Email Classification System Using Multi-view Based Semi-supervised Learning
Wenjuan Li, Weizhi Meng, Zhiyuan Tan, and Yang Xiang
- Ultra High-Speed SM2 ASIC Implementation
Zhenwei Zhao and Guoqiang Bai
- Visual Similarity Based Anti-phishing with the Combination of Local and Global Features
Yu Zhou, Yongzheng Zhang, Jun Xiao, Yipeng Wang, and Weiyao Lin
- A Practically Optimized Implementation of Attribute Based Cryptosystems
Chunqiang Hu, Fan Zhang, Tao Xiang, Hongjuan Li, Xiao Xiao, and Guilin Huang

TrustCom Paper Session #6: Authentication

- A Robust Authentication Scheme for Observing Resources in the Internet of Things Environment
Mian Ahmad Jan, Priyadarsi Nanda, Xiangjian He, Zhiyuan Tan, and Ren Ping Liu
- Bargaining-Based Dynamic Decision for Cooperative Authentication in MANETs
Liu Licai, Yin Lihua, Guo Yunchuan, and Fang Bingxing
- Multiplicative Attributes Graph Approach for Persistent Authentication in Single-Sign-On Mobile Systems
Uthpala Subodhani Premarathne and Ibrahim Khalil
- ToAuth: Towards Automatic Near Field Authentication for Smartphones
Weixi Gu, Zheng Yang, Longfei Shangguan, Xiaoyu Ji, and Yiyang Zhao
- One Kind of Cross-Domain DAA Scheme from Bilinear Mapping
Xiaoming Wang, Heyou Cheng, and Ruihua Zhang

TrustCom Paper Session #7: Attack & Defense

- Long Term Tracking and Characterization of P2P Botnet
Jia Yan, Lingyun Ying, Yi Yang, Purui Su, and Dengguo Feng

- A Survey of Security Network Coding toward Various Attacks
Shixiong Yao, Jing Chen, Ruiying Du, Lan Deng, and Chiheng Wang
- Defensor: Lightweight and Efficient Security-Enhanced Framework for Android
Xuerui Pan, Yibing Zhongyang, Zhi Xin, Bing Mao, and Hao Huang
- Public-Key Encryption Resilient against Linear Related-Key Attacks Revisited
Hui Cui, Yi Mu, and Man Ho Au
- The Micro-architectural Support Countermeasures against the Branch Prediction Analysis Attack
Ya Tan, Jizeng Wei, and Wei Guo

TrustCom Paper Session #8: Security and Trust in Cloud

Computing (1)

- AHP-Based Quantitative Approach for Assessing and Comparing Cloud Security
Ahmed Taha, Ruben Trapero, Jesus Luna, and Neeraj Suri
- Efficiently Attribute-Based Access Control for Mobile Cloud Storage System
Zhiquan Lv, Jialin Chi, Min Zhang, and Dengguo Feng
- EqualVisor: Providing Memory Protection in an Untrusted Commodity Hypervisor
Liang Deng, Qingkai Zeng, Weiguang Wang, and Yao Liu
- FEACS: A Flexible and Efficient Access Control Scheme for Cloud Computing
Yu Zhang, Jing Chen, Ruiying Du, Lan Deng, Yang Xiang, and Qing Zhou
- ONHelp: Components in Building Secure Cloud Based on OpenNebula
Kao Zhao, Hai Jin, Deqing Zou, and Weiqi Dai

TrustCom Paper Session #9: Security and Trust in Cloud

Computing (2)

- Proofs of Ownership and Retrieval in Cloud Storage
Ruiying Du, Lan Deng, Jing Chen, Kun He, and Minghui Zheng
- Temporal Access Control with User Revocation for Cloud Data
Nihal Balani and Sushmita Ruj
- Trust Enhanced Cloud Security for Healthcare Services

Udaya Tupakula and Vijay Varadharajan

- Trusted Geolocation-Aware Data Placement in Infrastructure Clouds
Nicolae Paladi, Mudassar Aslam, and Christian Gehrman
- Cognitive Adaptive Access-Control System for a Secure Locator/Identifier Separation Context
Yuanlong Cao, Jianfeng Guan, Changqiao Xu, Wei Quan, and Hongke Zhang

TrustCom Paper Session #10: Security in Mobile Networks

- AppCaulk: Data Leak Prevention by Injecting Targeted Taint Tracking into Android Apps
Julian Schütte, Dennis Titze, and J.M. De Fuentes
- Attack Tree Based Android Malware Detection with Hybrid Analysis
Shuai Zhao, Xiaohong Li, Guangquan Xu, Lei Zhang, and Zhiyong Feng
- Automatically Exploiting Potential Component Leaks in Android Applications
Li Li, Alexandre Bartel, Jacques Klein, and Yves Le Traon
- Data-centric Rogue Node Detection in VANETs
Kamran Zaidi, Milos Milojevic, Veselin Rakocevic, and Muttukrishnan Rajarajan
- Detect Android Malware Variants Using Component Based Topology Graph
Tong Shen, Yibing Zhongyang, Zhi Xin, Bing Mao, and Hao Huang

TrustCom Paper Session #11: Network Security

- Evaluation of Android Anti-malware Techniques against Dalvik Bytecode Obfuscation
Parvez Faruki, Ammar Bharmal, Vijay Laxmi, M.S. Gaur, Mauro Conti, and Muttukrishnan Rajarajan
- Secure Mobile Payment on NFC-Enabled Mobile Phones Formally Analysed Using CasperFDR
Sarah Abughazalah, Kostantinos Markantonakis, and Keith Mayes
- Systematic Analysis and Detection of Misconfiguration Vulnerabilities in Android Smartphones
Zhihui Han, Liang Cheng, Yang Zhang, Shuke Zeng, Yi Deng, and Xiaoshan Sun
- Enforcing File System Permissions on Android External Storage: Android File System Permissions (AFP) Prototype and ownCloud
Quang Do, Ben Martini, and Kim-Kwang Raymond Choo

TrustCom Paper Session #12: Parallel and Distributed Trust

Applications

- Collaborative and Ubiquitous Consumer Oriented Trusted Service Manager
Raja Naeem Akram, Konstantinos Markantonakis, and Damien Sauveron
- Design and Analysis of a New Feature-Distributed Malware
Byungho Min and Vijay Varadharajan
- On Energy Efficient Scheduling and Load Distribution Based on Renewable Energy for Wireless Mesh Network in Disaster Area
Meng Li, Hiroki Nishiyama, Yasunori Owada, and Kiyoshi Hamaguchi
- Trust-Enhanced Multicast Routing Protocol Based on Node's Behavior Assessment for MANETs
Hui Xia, Jia Yu, Zhi-Yong Zhang, Xiang-Guo Cheng, and Zhen-Kuan Pan
- BIBRM: A Bayesian Inference Based Road Message Trust Model in Vehicular Ad Hoc Networks
Guanghao Wang and Yue Wu

TrustCom Paper Session #13: Trust Modeling and Algorithms

- Convergence of True Cooperations in Bayesian Reputation Game
Jooyoung Lee and Jae C. Oh
- Practical Assessment of Biba Integrity for TCG-Enabled Platforms
Roberto Sassu, Gianluca Ramunno, and Antonio Lioy
- SigmoidRep: A Robust Reputation Model for Open Collaborative Environments
Ahmad A. Kardan, Reza Salarmehr, and Azade Farshad
- Towards Robust and Effective Trust Management for Security: A Survey
Dongxia Wang, Tim Muller, Yang Liu, and Jie Zhang
- Trust Mechanism for Enforcing Compliance to Secondary Data Use Contracts
Zeinab Noorian, Johnson Iyilade, Mohsen Mohkami, and Julita Vassileva

TrustCom Paper Session #14: Trust Applications and Systems

- An Effective Path Load Balancing Mechanism Based on SDN
Jun Li, Xiangqing Chang, Yongmao Ren, Zexin Zhang, and Guodong Wang

- Integrity Levels: A New Paradigm for Protecting Computing Systems
Christopher Jenkins and Lyndon Pierson
- Integrity Verification and Secure Loading of Remote Binaries for Microkernel-Based Runtime Environments
Michael Weiß, Steffen Wagner, Roland Hellman, and Sascha Wessel
- Overhead-Free In-Place Recovery Scheme for XOR-Based Storage Codes
Ximing Fu, Zhiqing Xiao, and Shenghao Yang
- Untrusted User Detection in Microblogs
Zidan Yu and Huiqun Yu

TrustCom Paper Session #15: Identity Management Systems and

Mechanism

- A Privacy-Enhanced Access Log Management Mechanism in SSO Systems from Nominative Signatures
Sanami Nakagawa, Keita Emura, Goichiro Hanaoka, Akihisa Kodate, Takashi Nishide, Eiji Okamoto, and Yusuke Sakai
- Anonymous Proxy Signature with Restricted Traceability
Jiannan Wei, Guomin Yang, and Yi Mu
- Efficient Traceable Attribute-Based Signature
Shenglong Ding, Yiming Zhao, and Yuyang Liu
- Computation Integrity Measurement Based on Branch Transfer
Jianming Fu, Yan Lin, Xu Zhang, and Pengwei Li
- Emergency Key Rollover in DNSSEC
Zheng Wang and Liyuan Xiao

IEEE International Conference on Big Data Science and Engineering (BDSE 2014)

BDSE Session #1: Social Networking with Big Data

- Crowd Sensing of Urban Emergency Events Based on Social Media Big Data
Zheng Xu, Hui Zhang, Yunhuai Liu, and Lin Mei
- SocAware: A Middleware for Social Applications in Online Social Networks
Liang Chen, Kan Chen, Chengcheng Shao, and Peidong Zhu
- Secure Multimedia Big Data Sharing in Social Networks Using Fingerprinting and Encryption in the JPEG2000 Compressed Domain
Conghuan Ye, Zenggang Xiong, Yaoming Ding, Jiping Li, Guangwei Wang, Xuemin Zhang, and Kaibing Zhang
- A Proposal for a Reference Architecture for Long-Term Archiving, Preservation, and Retrieval of Big Data
Phillip Viana and Liria Sato
- Big Data Analyses for Collective Opinion Elicitation in Social Networks
Yingxu Wang and Victor J. Wiebe

BDSE Session #2: Big Data Processing

- Performance Evaluation of the SSD-Based Swap System for Big Data Processing
Jaehun Lee, Sungmin Park, Minsoo Ryu, and Sooyong Kang
- A Study on Recursive Neural Network Based Sentiment Classification of Sina Weibo
Chen Fu, Bai Xue, and Zhan Shaobin
- VALID: A Web Framework for Visual Analytics of Large Streaming Data
Chenhui Li and George Baci
- A High Speed Lossless Compression Algorithm Based on CPU and GPU Hybrid Platform
Bin Zhou, Hai Jin, and Ran Zheng
- Picky Partial Least Squares for Feature Selection from Alzheimer's Data
Torbjorn Wasterlid and Li Bai

BDSE Session #3: Big Data Application

- Improved 2DLDA Algorithm and Its Application in Face Recognition
Dong Wang and Shunfang Wang
- The Evaluation of Emulab as an Environment for Bio-Informatics Research
Kyungwoo Kang, Yunhee Kang, and Sungjin Sul
- A Evaluation Method for Web Service with Large Numbers of Historical Records
Lianyong Qi, Jiancheng Ni, Xiaona Xia, Chao Yan, Hua Wang, and Wanli Huang
- BIG DATA: Preconditions to Productivity
Steve Hallman, Jasur Rakhimov, Michel Plaisent, and Prosper Bernard
- Data Mining Application of Decision Trees for Student Profiling at the Open University of China
Wilton W.T. Fok, Haohua Chen, Jiaqu Yi, Sizhe Li, H.H. Au Yeung, Wang Ying, and Liu Fang

BDSE Session #4: Big Data & Optimization

- Towards Policy Retrieval for Provenance Based Access Control Model
Jisheng Pei and Xiaojun Ye
- SARAH - Statistical Analysis for Resource Allocation in Hadoop
Bruce Martin
- Privacy Aware Non-linear Support Vector Machine for Multi-source Big Data
Yunmei Lu, Piyaphol Phoungphol, and Yanqing Zhang
- Modeling of Data Provenance on Space and Time Based on OPM
Kang Jiehua and Xu Guoyan
- Threshold-Based Secure and Privacy-Preserving Message Verification in VANETs
Wei Gao, Mingzhong Wang, Liehuang Zhu, and Xiaoping Zhang

BDSE Session #5: MapReduce for Big Data

- Aeromancer: A Workflow Manager for Large-Scale MapReduce-Based Scientific Workflows
Nabeel Mohamed, Nabanita Maji, Jing Zhang, Nataliya Timoshevskaya, and Wu-Chun Feng
- MapReduce for Large-Scale Monitor Data Analyses

Jianwei Ding, Yingbo Liu, Li Zhang, and Jianmin Wang

- FedLoop: Looping on Federated MapReduce
Chun-Yu Wang, Tzu-Li Tai, Kuan-Chieh Huang, Tse-En Liu, Jyh-Biau Chang, and Ce-Kuen Shieh
- In-Map/In-Reduce: Concurrent Job Execution in MapReduce
Muhammad Idris, Shujaat Hussain, and Sungyoung Lee

BDSE Session #6: Big Data Storage

- An Improved Image File Storage Method Using Data Deduplication
Zhou Lei, Zhaoxin Li, Yu Lei, Yanling Bi, Luokai Hu, and Wenfeng Shen
- HBaseSpatial: A Scalable Spatial Data Storage Based on HBase
Ningyu Zhang, Guozhou Zheng, Huajun Chen, Jiaoyan Chen, and Xi Chen
- On the Application and Performance of MongoDB for Climate Satellite Data
Parinaz Ameri, Udo Grabowski, Jörg Meyer, and Achim Streit
- Research of Provenance Storage in Cloud Computing Environment
Zhangxuan Luo and Guoyan Xu
- Data Interface All-iN-A-Place (DIANA) for Big Data
Frank Zhigang Wang, Theo Dimitrakos, Na Helian, Sining Wu, Yuhui Deng, Ling Li, and Rodric Yates

The 2nd International Workshop on Network Optimization and Performance Evaluation (NOPE 2014)

- A Load Balancing Strategy of SDN Controller Based on Distributed Decision
Yuanhao Zhou, Mingfa Zhu, Limin Xiao, Li Ruan, Wenbo Duan, Deguo Li, Rui Liu, and Mingming Zhu
- Modeling Degrees of Fairness for Collaborations
Florian Volk, Maria Pelevina, Sheikh Mahbub Habib, Sascha Hauke, and Max Mühlhäuser
- Performance Analysis on M2M Communication Network Based on Stochastic Network Calculus
Zhou Tao, Wang Quan, and Wang Gao-Cai
- Mining Specification of Insecure Browser Extension Behavior
Hongbin Pei, Xiaohong Li, Guangquan Xu, and Zhiyong Feng

The 6th International Symposium on UbiSafe Computing

(UbiSafe 2014)

- A Novel Public Key Encryption Scheme for Large Image
Lingjiao Chen, Xinji Chen, and Zhigang Peng
- Analysis of the Count-Min Sketch Based Anomaly Detection Scheme in WSN
Guorui Li, Ying Liu, and Ying Wang
- Attacks on Physically-Embedded Data Encryption for Embedded Devices
Chaohui Du and Guoqiang Bai
- Challenge Set Designs and User Guidelines for Usable and Secured Recognition-Based Graphical Passwords
Hani Moaiteq Aljahdali and Ron Poet
- Escrow: A Large-Scale Web Vulnerability Assessment Tool
Baden Delamore and Ryan K.L. Ko
- Personal Data Access Based on Trust Assessment in Mobile Social Networking
Zheng Yan, Xueyun Li, and Raimo Kantola
- Synthesising End-to-End Security Protocols
Charles Thevathayan, Peter Bertok, and George Fernandez

The 7th International Symposium on Security, Privacy and Anonymity in Internet of Things (SpalOT 2014)

- A Compact Hardware Implementation of SM3 Hash Function
Tianyong Ao, Zhangqing He, Jinli Rao, Kui Dai, and Xuecheng Zou
- Detection of Android Malicious Apps Based on the Sensitive Behaviors
Daiyong Quan, Lidong Zhai, Fan Yang, and Peng Wang
- Digital Trust - Trusted Computing and Beyond: A Position Paper
Raja Naeem Akram and Ryan K.L. Ko
- Identifying P2P Network Activities on Encrypted Traffic
Xiaolei Wang, Jie He, and Yuexiang Yang
- Lightweight Security Middleware to Detect Malicious Content in NFC Tags or Smart Posters
Sufian Hameed, Bilal Hameed, Syed Atyab Hussain, and Waqas Khalid
- Survey of Integrity Detection Methods in Internet of Things
Chaoliang Li, Qin Li, and Guojun Wang
- TEEI - A Mobile Security Infrastructure for TEE Integration
Hongfeng Chai, Zhijun Lu, Qingyang Meng, Jun Wang, Xiubang Zhang, and Zhijian Zhang
- A Compact Hardware Implementation of SM3 Hash Function
Tianyong Ao, Zhangqing He, Jinli Rao, Kui Dai, and Xuecheng Zou

The 1st International Workshop on the Emerging Future Internet and Network Security (EFINS 2014)

- A Semantic Knowledge Base Construction Method for Information Security
Yuangang Yao, Xiaoyu Ma, Hui Liu, Jin Yi, Xianghui Zhao, and Lin Liu
- Adding Privacy to Multicast DNS Service Discovery
Daniel Kaiser and Marcel Waldvogel
- Encrypted Program Execution
*Dmytro Zhuravlev, Ihor Samoilovych, Roman Orlovskyi, Ievgen Bondarenko,
and Yaroslav Lavrenyuk*
- Network Traffic Anomaly Detection Using Adaptive Density-Based Fuzzy Clustering
Duo Liu, Chung-Horng Lung, Nabil Seddigh, and Biswajit Nandy
- Unified Model for Data Security - A Position Paper
Raja Naeem Akram and Ryan K.L. Ko
- A Secure Authentication Protocol for IP-Based Wireless Sensor Communications Using
the Location/ID Split Protocol (LISP)
Ali Raheem, Aboubaker Lasebae, and Jonathan Loo

The 4th International Symposium on Trust and Security in Cloud Computing (TSCloud 2014)

- Continuous Certification of Non-repudiation in Cloud Storage Services
Maria Krotsiani and George Spanoudakis
- JVM-Based Dynamic Attestation in Cloud Computing
Haihe Ba, Zhiying Wang, Jiangchun Ren, and Huaizhe Zhou
- Remote Programmatic vCloud Forensics: A Six-Step Collection Process and a Proof of Concept
Ben Martini and Kim-Kwang Raymond Choo
- vPatcher: VMI-Based Transparent Data Patching to Secure Software in the Cloud
Hao Zhang, Lei Zhao, Lai Xu, Lina Wang, and Deming Wu