### Day 1 (Monday, 8th Aug 2016)

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<th>Time</th>
<th>Room 1</th>
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<tbody>
<tr>
<td>7:00-8:30am</td>
<td>Registration</td>
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<td>8:30-9:20am</td>
<td>DASC/PICom/DataCom/CyberSciTech Conference Opening</td>
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<tr>
<td>9:20-10:00am</td>
<td>Keynote I</td>
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<td>10:00-10:40am</td>
<td>Keynote II</td>
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<tr>
<td>10:40-11:10am</td>
<td>Morning tea</td>
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<tr>
<td>11:10-12:30pm</td>
<td>DataCom-1 (4)</td>
<td>PICom-1 (4)</td>
<td>DASC-1 (4)</td>
<td>CyberSciTech Tutorial 1</td>
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<tr>
<td>12:30-1:30pm</td>
<td>Lunch</td>
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<tr>
<td>1:30-2:45pm</td>
<td>UMPSSC (5)</td>
<td>BDTIPCC-1 (4)</td>
<td>CPS4S (4)</td>
<td>CyberSPNLA (4)</td>
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<tr>
<td>2:45-3:10pm</td>
<td>Afternoon tea</td>
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### Day 2 (Tuesday, 9th Aug 2016)

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<td>9:10-9:50am</td>
<td>Keynote III</td>
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<td>9:50-10:20am</td>
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<td>Afternoon tea</td>
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<tr>
<td>3:10-5:10pm</td>
<td>DataCom-4 (6)</td>
<td>PICom-3 (5)</td>
<td>DASC-3 (5)</td>
<td>CyberSciTech-2 (6)</td>
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### Day 3 (Wednesday, 10th Aug 2016)

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<td>9:50-10:20am</td>
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<td>10:20-12:20pm</td>
<td>DataCom-5 (6)</td>
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<td>12:20-1:20pm</td>
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<tr>
<td>1:20-3:20pm</td>
<td>DataCom-6 (6)</td>
<td>BDPSS-1 (5)</td>
<td>CDM4NLP (4)</td>
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### Welcome reception
Day 1  Monday, 8\textsuperscript{th} August 2016  Room 1

7:00-8:30am  Registration

8:30-9:20am  DASC/PICom/DataCom/CyberSciTech Opening

9:20-10:00am  Keynote I

10:00-10:40am  Keynote II

10:40-11:10am  Morning Tea

11:10-12:30pm  DataCom Session 1: Big Data System Software, Tools and Services

1. ZQL: A Unified Middleware Bridging Both Relational and NoSQL Databases, Jie Xu, Mengji Shi, Chaoyuan Chen, Zhen Zhang, Jigao Fu, Chi Harold Liu
2. G-Storm: a GPU-aware Storm Scheduler, Yi-Ren Chen, Che-Rung Lee
4. On the Incentive Effect of Reputation Systems, Han Jiao, Lu Lu, Zhanhua Xin

12:30-1:30pm  Lunch

1:30-2:45pm  User Modeling driven Personalized Services in Social Cyberspace (UMPSSC)

1. A Proportional Multi-Resource Scheduling Model in SDCloud, Hang Zhou, Qing Li, Samina Kausar, Hai Zhu
2. The Construction and Analysis of Baidu Baike Entry Network, Lei Wang, Lingyu Xu, Yunlan Xue, Gaowei Zhang, Yu Xiang
4. Overview of the Task Management System of Ternary Optical Computer, Sulan Zhang, Yi Jin
5. An Asynchronous Distributed ADMM Algorithm and Efficient Communication Model, Ling Fang, Yongmei Lei

2:45-3:10pm  Afternoon Tea

3:10-4:50pm  DataCom Session 2: Big Data Science, Theorems and Analytics - 1
1. NoWog: A Workload Generator for Database Performance Benchmarking, Parinaz Ameri, Nico Schlitter, Jörg Meyer, Achim Streit
2. A Context-Aware Trust Prediction Method Based on Behavioral Data Analysis in Distributed Network Environments, Guoyu Yang, Qibo Sun, Ao Zhou, Jinglin Li, Xiang Yuan, Hanyi Tang
3. Online Distance Measurement for Tree Data Event Streams, Eileen Kuehn, Achim Streit
4. Comparing Intention and Behavior: Characteristics of Valuable Information and Information Verification, Mathupayas Thongmak
5. Improving Recommendation Accuracy by Considering Electronic Word-of-Mouth and the Effects of Its Propagation Using Collective Matrix Factorization, Ren-Shiou Liu, Tian-Chih Yang

4:50-5:30pm Poster Session

1. A Fault Injection Simulation Method Based on Petri Net, Haitao Liu, Guangxian Lv, Yu Huang, Peng Jin, Xueyuan Su
2. A Cyber Voice Recognition with Low SNR, Hua-An Zhao
3. Evaluation of Network Risk Using Attack Graph Based Security Metrics, Santosh Kumar, Anuradha Negi, Keshav Prasad, Aniket Mahanti
4. What Influence the Students’ Learning Experience? The Impact of Peer Learning in an Online Environment, Songlak Sakulwichitsintu
5. An Efficient Tool for Industrial Control System Security Analysis, Chuangming Xia, Jing Tian, Erqing Li, Junwei Zhou, Jianwen Xiang, Jin Wang, Liang Bai, and Yueying He
7. Collaborative Filtering and Deep Learning Based Hybrid Recommendation For Cold Start Problem, Jian Wei, Jianhua He, Kai Chen, Yi Zhou, Zuoyin Tang
8. Privacy-preserving Palm Print Authentication using Homomorphic Encryption, Jong-Hyuk Im, JinChun Choi, DaeHun Nyang, Mun-Kyu Lee
9. Log on Cloud: A SaaS Data Collection, Storage and Analysis Framework, Peng Xu, Yadong Zhang, Kai Shuang
10. Scalable Interactive Geo Visualization Platform for GIS Data Analysis, Lekha R.Nair, Sarath Saleem, Sujala D. Shetty
11. Stochastic Self-organisation of Poorly Structured Data and Memory Realisation in an Information Domain When Designing News Events Forecasting Models, Sergey Lesko, Dmitry Zhukov
12. Generation of the Single Precision BLAS Library for the Parallella platform, with Epiphany Co-processor Acceleration, Using the BLIS Framework, Miguel Tasende
13. Enhancing Mobility Management and Supporting 3D Visualization, Hanafy M. Ali
16. Pyramid: Visual Analytics and Big Data Science Visualization for Frequent Patterns, Carson Leung
17. A Distributed and Autonomous Guard System Based on Cloud Environments, Wei-Fa Liao, Hung-Min Sun, Wei Wu

5:00-7:30pm Welcome reception
Day 1  Monday, 8th August 2016  Room 2
7:00-8:30am  Registration
8:30-9:20am  DASC/PICom/DataCom/CyberSciTech Opening
9:20-10:00am  Keynote I
10:00-10:40am  Keynote II
10:40-11:10am  Morning Tea
11:10-12:30pm  PICom Session 1: Social Networks and Mobile Computing
   1. Discovering Items with Potential Popularity on Social Media, Khushnood Abbas, Minsheng Shang, Xin Luo
   2. Harnessing Smartphones as a Personal Informatics Tool Towards Self-Awareness and Behavior Improvement, Hania Aslam, Farhana Seemi, Hamid Mukhtar, Djamel Belaid
   4. Are Coarse-grained Overlays Ready for General Purpose Application Acceleration on FPGAs, Abhishek Jain, Douglas Maskell
12:30-1:30pm  Lunch
1:30-2:45pm  Big Data Techniques and Image Processing Under Cyber (BDTIPCC Session 1)
   1. An Adaptive Interpolation Algorithm Based on the Nonsubsampled Contourlet Transform, Qinglan Fan, Yunfeng Zhang, Xiaohong Shen, Xunxiang Yao, Fangxun Bao
   2. Saliency Detection Based on Multi-Scale Image Features, Chaoqun Zheng, Xiaozhi Zheng, Qiang Guo, Shuo Tian
   3. Weakly-supervised Classification of Pulmonary Nodules Based on Shape Characters, Jingqi Song, Hui Liu, Fenghuan Geng and Caiming Zhang
2:45-3:10pm  Afternoon Tea
3:10-4:50pm  Big Data Techniques and Image Processing Under Cyber (BDTIPCC session 2)
   1. Noisy Problem on Discrete Linear Consensus Protocol in Networked Multi-agent Systems, Quansheng Dou, Jinjiang Li, Hui Fan, Yuehao Pan
2. ShapeNets: Image Representation Based on the Shape, Hui Fan, Tan Sun, Yan Zhang, Jinjiang Li

3. Causal Association Analysis Algorithm for MOOC Learning Behavior And Learning Effect, Hongyan Wang, Xingwei Hao, Wenjiang Jiao, Xingwu Jia

4. Construction of Learning Partners Based on Learning Interest, Mingliang Hou, Xingwei Hao, Shuo Tian

5. Single Image Super-Resolution Based on Self-similarity and Dictionary Neighborhood, Liang Guo, Guizhong Wang, Fan Zhang, Xuemei Li

4:50-5:30pm  Poster Session

5:00-7:30pm  Welcome reception
Day 1  Monday, 8th August 2016  Room 3

7:00-8:30am  Registration

8:30-9:20am  DASC/PICom/DataCom/CyberSciTech Opening

9:20-10:00am  Keynote I

10:00-10:40am  Keynote II

10:40-11:10am  Morning Tea

11:10-12:30pm  DASC Session 1: Cyber Security

1. Enhancing Windows Firewall Security Using Fuzzy Reasoning, Nitin Naik, Paul Jenkins
2. MalAware: Effective and Efficient Run-time Mobile Malware Detector, Jelena Milosevic, Alberto Ferrante, Miroslaw Malek
3. uAuction: Analysis, Design and Implementation of a Secure Online Auction System, Nazia Majadi, Jarrod Trevathan, Neil Bergmann

12:30-1:30pm  Lunch

1:30-2:45pm  Cyber-Physical System for Sustainability (CPS4S)

2. Evaluation of ICT Environmental Impact for an SME, Michail Papanderou, Ah-Lian Kor, Colin Pattinson
3. Effective Green IT Strategy in a UK Higher Education Institute, Latifah M. AlHarbi*, Ah-Lian Kor, Colin Pattinson

2:45-3:10pm  Afternoon Tea

3:10-4:50pm  Cyber Social Computing and Cyber-Enabled Applications (CSC&CEA)

1. Analysis and Modeling for Interaction with Mobility Based on Pi-Calculus, Yaya Liu, Jiulei Jiang
3. **An Ontology Pattern for Emergency Event Modeling**, Wei Liu, Ning Ding, Yue Tan, Yujia Zhang, Zongtian Liu
4. **An Image Encryption Method Based on RSFPrLR and RSLPrFL Circulant Matrices**, Xing Wu, Shuji Dai
5. **Overlap Community Detection Based on Node Convergence Degree**, Weimin Li, Shu Jiang, HuaiKou Miao, Xiaokong Zhou, Qun Jin

**Schedule**

- **4:50-5:30pm**  
  **Poster Session**

- **5:00-7:30pm**  
  **Welcome reception**
Day 1               Monday, 8th August 2016               Room 4
7:00-8:30am        Registration
8:30-9:20am        DASC/PICom/DataCom/CyberSciTech Opening
9:20-10:00am       Keynote I
10:00-10:40am      Keynote II
10:40-11:10am      Morning Tea
11:10-12:30pm      CyberSciTech Tutorial 1 - Cybermatics: Cyber Science, Technology and Humanity for Cyber-enabled Worlds
12:30-1:30pm       Lunch
1:30-2:45pm        Cyber Security and Privacy with Network Log Analytics (CyberSPNLA)
1. An Anonymous Taxi Dispatch and Mobile Payment System, Zijiang Zhang, Ange Tong, Liehuang Zhu, Mingxin Chen, Chen Xu
2. Intrusion Detection Based on IDBM, Yajun Liu, Xuan Zhang
3. A MapReduce-Based Framework for Analyzing Web Logs in Offline Streams, Ruoyu Chen, Yangsen Zhang, Rongrong Bi, Yuru Jiang, Yanhua Zhang
4. Measuring Structural Resilience Through a Carrier Network Model, Ziheng Wei, Jiamou Liu
2:45-3:10pm        Afternoon Tea
3:10-4:50pm        CyberSciTech Tutorial 2 - Designing Secure Architectures for Cyber-physical Systems Using Security Patterns and Reference Architectures
4:50-5:30pm        Poster Session
5:00-7:30pm        Welcome reception
Day 2  Tuesday, 9th August 2016  Room 1
8:00-8:30am  Registration
8:30-9:10am  Keynote III
9:10-9:50am  Keynote IV
9:50am-10:20am  Morning Tea
10:20-11:50pm  Panel Discussion
11:50-12:50pm  Lunch
12:50-2:50pm  DataCom Session 3: Big Data and Complex Applications -1
  1. MSFS: Multiple Spatio-temporal Scales Traffic Forecasting in Mobile Cellular Network, Dandan Miao, Weijian Sun, Xiaowei Qin, Weidong Wang
  2. Forecasting Crimes using Autoregressive Models, Eugenio Cesario, Charlie Catlett, Domenico Talia
  3. Unsupervised Anomaly Detection Using Light Switches for Smart Nursing Homes, Chih-Wei Ho, Chun-Ting Chou, Yu-Chun Chien, Chia-Fu Lee
  4. Interactive Healthcare Big Data Analytics Platform under Simulated Performance, Dillon Chrimes, Belaid Moa, Hamid Zamani, Mu-Hsing Kuo
  5. A Comprehensive Validation Methodology for Trajectory Pattern Mining of GPS Data, Eugenio Cesario, Carmela Comito, Domenico Talia
  6. Efficient On/Off-line Query Pre-processing for Telecom Social Streaming Data, Cheng Wu, Jigao Fu, Zhen Zhang, Chi Harold Liu
2:50-3:10pm  Afternoon tea
3:10-5:10pm  DataCom Session 4: Big Data and Complex Applications -2
  1. Social Media Analysis on Evaluating Organisational Performance a Railway Service Management Context, Jie Yang, AHM Mehshab Anwar
  2. Analysis of Human Autonomic Nervous Activity Based on Big Data Measurement Via SmartPhone, Makoto Komazawa, Kenichi Itao, Hiroyuki Kobayashi, Zhiwei Luo
  3. Vehicle Classification in Acoustic Sensor Networks Based on Hybrid Dictionary Learning, Shuilin Guo, Rui Wang, Bin Liu, Qiyue Wei, Yanping Li
  4. Sustainability Through Intelligent Scheduling of Electric Water Heaters in a Smart Grid, Marthinus J Booyse, Andrew H Cloete
6. Design and Partial Implementation of Health Care System for Disease Detection and Behavior Analysis by Using DM Techniques, Dingkun Li, Hyun Woo Park, Musa Ibrahim M. Ishag, Erdenebileg Batbaatar, Keun Ho Ryu

6:00-10:00pm    Banquet
Day 2  Tuesday, 9th August 2016  Room 2
8:00-8:30am  Registration
8:30-9:10am  Keynote III
9:10-9:50am  Keynote IV
9:50am-10:20am  Morning Tea
10:20-11:50pm  Panel Discussion
11:50-12:50pm  Lunch
12:50-2:50pm  PICom Session 2: Pervasive Networks and Communications
4. Communities Evolution Analysis Based on Events in Dynamic Complex Network, Yao Hong, Cai Fu, Zhicun Fang, JieHua Zeng, Lansheng Han, DeLiang Xu
5. Early Stage Internet Traffic Identification Using Data Gravitation Based Classification, Lizhi Peng, Haibo Zhang, Bo Yang, Yuehui Chen, Xiaoqing Zhou
6. LPA: Learning Based Power Aware Communication Protocol in WBANs, Abbas Arghavani, Haibo Zhang, Zhiyi Huang
2:50-3:10pm  Afternoon tea
3:10-5:10pm  PICom Session 3: Pervasive Intelligence and Machine Learning
1. A Moment-based Classification Algorithm and Its Comparison to the K-nearest Neighbours for 2-dimensional Data, Krzysztof Pawelec, Artem Lenskiy
2. An Intelligent Defects Identification for Motors Using Partial Discharge Signals, Hong-Chan Chang, Cheng-Chien Kuo, Yuan-Sheng Li
3. Automated Scene Analysis by Image Feature Extraction, Syed Omer Gilani, Mohsin Jamil
4. ICFS: An Improved Fast Search and Find of Density Peaks Clustering Algorithm, Jing Gao, Liang Zhao, Zhennan Yang, Han Xu, Zhikui Chen, Peng Li
5. Proactive Intelligent System for Optimizing Traffic Signaling, Ramon Sanchez-Iborra, J. F. Ingles-Romero, Gines Domenech-Asensi, J. L. Moreno-Cegarra, Maria-Dolores Cano
6:00-10:00pm  Banquet
Day 2  
Tuesday, 9th August 2016  
Room 3

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<td>12:50-2:50pm</td>
<td>DASC Session 2: Security Issues over Cloud and Mobile Computing</td>
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<td>3:10-5:10pm</td>
<td>DASC Session 3: Distributed Systems</td>
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1. A Model to Evaluate the Credibility of Service in Cloud Computing Environment, Bixin Li, Li Liao, Chao Li
3. Detecting Denial of Service Attacks in the Cloud, Raneel Kumar, Sunil Lal, Alok Sharma
4. Multi-stakeholders’ Policy Enforcement for Android, Shahryar Khan Afridi
5. Developing a Mobile System for Natural Language Grammar Acquisition, Marina Purgina, Maxim Mozgovoy, Vitaly Klyuev

1. Hierarchical Transactional Memory Protocol for Distributed Mixed-criticality Embedded Systems, Zaher Owda, Moisés Urbina, Roman Obermaisser, Mohammed Abuteir
2. ChainVoxel: A Data Structure for Scalable Distributed Collaborative Editing for 3D Models, Kengo Imae, Naohiro Hayashibara
3. Dependency Management in Component-based Building Automation Systems, Malte Burkert, Heiko Krumm
4. Distributed Strategic Learning for Building Network Embedded Coding to Achieve Reliable Event Notification, Christian Esposito, Aniello Castiglione, Francesco Palmieri, Florin Pop
5. Autocorrelation-based Detection of Infinite Loops at Runtime, Andreas Ibing, Julian Kirsch, Lorenz Panny
6:00-10:00pm    Banquet
Day 2  Tuesday, 9th August 2016  Room 4
8:00-8:30am  Registration

8:30-9:10am  Keynote III

9:10-9:50am  Keynote IV

9:50am-10:20am  Morning Tea

10:20-11:50pm  Panel Discussion

11:50-12:50pm  Lunch

12:50-2:50pm  CyberSciTech Session 1: Cyber science and applications
1. Perspectives on Cyber Science and Technology for Cyberization and Cyber-enabled Worlds, Jianhua Ma, Raymond Choo, Hui-huang Hsu, Qun Jin, William Liu, Kevin Wang, Yufeng Wang, Xiaokang Zhou
2. A Visual Inspection System for Rail Corrugation Based on Local Frequency Features, Qingyong Li, Yunqiang Tan, Zhang Huayan, Shengwei Ren, Peng Dai and Weiyi Li
4. Record Linkage Using the Combination of Twice Iterative SVM Training and Controllable Manual Review, Wang Fei, Hongbo Wang
5. Personal Data Analytics to Facilitate Cyber Individual Modeling, Xiaokang Zhou, Bo Wu, Qun Jin, Jianhua, Ma, Weimin Li, Neil Y. Yen

2:50-3:10pm  Afternoon tea

3:10-5:10pm  CyberSciTech Session 2: Cyber technology and connectivity
2. Radio Resource Allocation for D2D-enabled Massive Machine Communication in the 5G Era, Huitao Yang, Boon-Chong Seet, Syed Faraz Hasan, Peter Han Joo Chong, Min Young Chung
3. Applying Virtual Coordination Anchor Node to Routing Mechanism in Wireless Sensor Networks, Ying-Hong Wang, Cheng-Han Tsai
4. Message Forwarding Strategies in Device-to-Device Based Mobile Social Networking in Proximity (MSNP), Yufeng Wang, Jiabing Chen, Qun Jin, Jianhua Ma
5. A Scheme for Controlling Functionality of Mobile Device Using Specialized Codes, Su-Wan Park, Jeong Nyeo Kim

6:00-10:00pm Banquet
Day 3  Wednesday, 10th August 2016  Room 1
8:00-8:30am  Registration
8:30-9:10am  Keynote V
9:10-9:50am  Keynote VI
9:50-10:20am  Morning Tea
10:20-12:20pm  DataCom Session 5: Big Data Infrastructure, Clouds and HPC - 1
  2. Performance Optimization of the SSVD Collaborative Filtering Algorithm on MapReduce Architectures, ShiouCheng Yu, Quey-Liang Kao, Che-Rung Lee
  3. expanCodes: Tailored LDPC codes for Big Data Storage, Yongmei Wei, Fengmin Chen
  4. A Four-layer Architecture for Online and Historical Big Data Analytics, Julie Yixuan Zhu, Jialing Xu, Victor O.K. Li
  5. FOG-engine: Towards Big Data Analytics in the Fog, Farahd Mehdipour, Bahman Javadi, Aniket Mahanti
  6. Self-Operation of a Network, Haitao Tang, Kaj Stenber
12:20-1:20pm  Lunch
1:20-3:20pm  DataCom Session 6: Big Data Infrastructure, Clouds and HPC - 2
  1. A Cloud-based Network Architecture for Big Data Services, Ming Zhao, Arun Kumar, G. G. Md. Nawaz Ali, Peter Han Joo Chong
  2. QoS Oriented Embedding for Network Virtualization, Li Xu, Hui Li, Jingting Sun, Kai Pan, Guanghui Zhang
  3. Logico-linguistic Semantic Representation of Documents, Sharyar Wani, Mohamed Ridza Wahiddin, Tengku Mohd. Tengku Sembok
  5. Information Pricing - A Utility based Pricing Mechanism, Divya Rao, Wee Keong Ng
  6. Big Data Science Model for Data Analytics of Interesting Patterns, Carson Leung
3:20-3:40pm  Afternoon tea
3:40-5:20pm  DataCom Session 7: Big Data Science, Theorems and Analytics - 2
1. On the Role of Mobility and Network Coding on Multi-message Gossip in Random Geometric Graphs, Gang Wang, Zun Lin, Jie Wu
2. CDR Based Temporal-spatial Analysis of Anomalous Mobile Users, Zhen Wang, Sihai Zhang
3. Efficient Processing of Uncertain Data Using Dezert-Smarandache Theory: A Case Study, Hossein Jafari, Xiangfang Li, Lijun Qian
5. Backbone Traffic Pattern Analysing Based on Joint Entropy, Jie Xu, Wei Ding, Jian Gon, XiaoDong Zang

5:20-5:40pm  Conference closing
Day 3  Wednesday, 10\textsuperscript{th} August 2016  Room 2
8:00-8:30am Registration
8:30-9:10am Keynote V
9:10-9:50am Keynote VI
9:50-10:20am Morning Tea
10:20-12:20pm PICom Session 4: Internet of Things, Cloud Computing and Privacy
1. A Lightweight Trust Design for IoT Routing, David Airehrour, Jairo Gutierrez, Sayan Kumar Ray
3. A Two-Level Load Balancing Method with Dynamic Strategy for Cloud Computing, Yan-Wun Qiu, Jen-Ing Hwang; jihwang@csie.fju.edu.tw
4. A Simulated Annealing Combined Genetic Algorithm for Virtual Machine Migration in Cloud Datacenters, Yidong Li, Xiangjun Meng, Hairong Dong
5. A Usability Study on The Privacy Policy Visualization Model, Tahani Albalawi, Kambiz Ghazinour
12:20-1:20pm Lunch
1:20-3:20pm International Workshop on Big Data Programming and System Software (BDPSS Session 1)
1. VAIL: A Victim-Aware Cache Policy for Improving Lifetime of Hybrid Memory, Song Wu, Youchuang Jia, Fang Zhou, Xiang Gao, Hai Jin and Pingpeng Yuan
2. A Scalable Association-oriented Partitioning Approach for Streaming Graphs, Yun Hao, Buwen Wu, Pingpeng Yuan, Hai Jin and Xiaofeng Ding
4. Prediction of User Behavior with New Mobile Services, Yong Chen, Hai Jin, Chunjiang He, Juncheng Yao and Hanhua Chen
5. Fast Querying and Dynamic Processing for RDF Databases, Guang Yang, Pingpeng Yuan and Hai Jin
3:20-3:40pm Afternoon tea
3:40-5:20pm International Workshop on Big Data Programming and System Software (BDPSS Session 2) / International Workshop on Data
Intensive Computing and Communications for Sustainable Development (DICC4SD)

1. A Semantic-based Approach to Building Auxiliary System for Screen-Based Reading, Huizhong Zhong, Shaofeng Li, Feng Zhao, Hai Jin and Qin Zhang
2. Research About New Media Security Technology Base on Big Data Era, Zheng-Wu Lu
3. Design and Implementation of Hybrid Shingled Recording RAID System, Zheng-Wu Lu and Gang Zhou
4. Disaster Ehealth: Sustainability in the Extreme, Dave Parry*, Tony Norris, Samaneh Madanian
5. CatchMe If You Can: Enable Sustainable Communications Using Internet of Movable Things, Ambreen Memon, William Liu, Adnan Al-Anbuky

5:20-5:40pm Conference closing
Day 3  Wednesday, 10th August 2016  Room 3

8:00-8:30am  Registration

8:30-9:10am  Keynote V

9:10-9:50am  Keynote VI

9:50-10:20am  Morning Tea

10:20-12:20pm  DASC Session 4: Networks and IoTs

2. A Discussion and Review of Network Steganography, Jun O Seo, Sathiamoorthy Manoharan, Aniket Mahanti
4. Range Encoding-Based Network Verification in SDN, Yen-Lun Tseng, Guey-Yun Chang
5. OmPe-Fibo: An Efficient Forbidden Pattern Free CAC Design for NoCs, Zahra Shirmohammadi, Yassin Alivand, Fereshteh Mozafari, Seyed-Ghassem Miremadi

12:20-1:20pm  Lunch

1:20-3:20pm  Cyber Data Mining for Natural Language Processing (CDM4NLP)

1. Review of Research on Computer-games for Tibetan Chess, Xiali Li, Songting Deng, Xinyang Wang, Yongji Li, Licheng Wu, Junxian Duan
2. The Design and Implementation of a High-efficiency Distributed Web Crawler, Qiumei Pu, Hong Zhang
3. Ontology Modeling and Application of Multi-agent for Negotiation System, Qiumei Pu, Hong Zhang
4. A Preliminary Study of Plant Domain Ontology, Xiaoxu Li

3:20-3:40pm  Afternoon tea


2. An Improved Exponential Smoothing Model on Rental Trends Prediction of Public Bicycle Stations, Fei Lin, Linyao Zhang, Haitao Xu, Yong Sun
3. Effect of Different Migration Strategies on Evolution of Cooperation in Spatial Prisoner’s Dilemma Game, Hong Ding, Xiangyu Chen, Benyun Shi, Yanming Ye, Yizhi Ren
4. Threat Modeling in Cyber-Physical Systems, Eduardo B. Fernandez

5:20-5:40pm Conference closing