

## Acceptance List – Invited Session

Session ID.: ECC-2014-IS01

Session Title: Data Security and Its Applications

Session Organizer:

Yuh-Min Tseng, [ymtseng@cc.ncue.edu.tw](mailto:ymtseng@cc.ncue.edu.tw)

National Changhua University of Education, Taiwan

Tsu-Yang Wu, [wutsuyang@gmail.com](mailto:wutsuyang@gmail.com)

Shenzhen Graduate School, Harbin Institute of Technology, China

Paper ID.: ECC-2014-IS01-01

Paper Title: A Robust Audio Zero-Watermarking Algorithm Based on Wavelet Packet Analysis

Author(s): Xueying Zhang, Wei Zhang, Fenglian Li and Guangyu Liu

Corresponding Author: Xueying Zhang, [tyzhangxy@163.com](mailto:tyzhangxy@163.com)

(Taiyuan University of Technology, China)

Paper ID.: ECC-2014-IS01-02

Paper Title: Information Security Management for Higher Education Institutions

Author(s): Simon K.S. Cheung

Corresponding Author: Simon K.S. Cheung, [kscheung@ouhk.edu.hk](mailto:kscheung@ouhk.edu.hk)

The Open University of Hong Kong, Hong Kong)

Paper ID.: ECC-2014-IS01-03

Paper Title: Laser Induced Breakdown Spectroscopy Data Processing Method Based on Wavelet Analysis

Author(s): Muchao Lu

Corresponding Author: Muchao Lu, [LuMC@spdb.com.cn](mailto:LuMC@spdb.com.cn)

(Taiyuan University of Technology, China)

Paper ID.: ECC-2014-IS01-04

Paper Title: Towards Time-bound Hierarchical Key Management in Cloud Computing

Author(s): Tsu-Yang Wu, Chengxiang Zhou, Eric Ke Wang, Jeng-Shyang Pan and Chien-Ming Chen

Corresponding Author: Tsu-Yang Wu, [wutsuyang@gmail.com](mailto:wutsuyang@gmail.com)

(Shenzhen Graduate School, Harbin Institute of Technology, China)

**Session ID.: ECC-2014-IS02**

**Session Title: Intelligent Technologies for Telematics Applications**

**Session Organizer:**

**Chun-Wei Lin, [jerrylin@ieee.org](mailto:jerrylin@ieee.org)**

**Shenzhen Graduate School, Harbin Institute of Technology, China**

**Tzung-Pei Hong**

**National University of Kaohsiung, Taiwan**

**Bay Vo**

**Information Technology College, Vietnam**

Paper ID.: ECC-2014-IS02-01

Paper Title: A Projection-based Approach for Mining Highly Coherent Association Rules

Author(s): Chun- Hao Chen, Guo-Cheng Lan, Tzung-Pei Hong, Shyue-Liang Wang and Yui-Kai Lin

Corresponding Author: Chun-Hao Chen, [chchen@mail.tku.edu.tw](mailto:chchen@mail.tku.edu.tw)

Paper ID.: ECC-2014-IS02-02

Paper Title: ICISLM: Development of an Integrated Cloud Information System for Logistic Management  
based on SaaS Maturity Model level-4

Author(s): Shang-Liang Chen, Yun-Yao Chen, Hsuan Pei Wang and Chiang Hsu

Corresponding Author: Yun-Yao Chen, [yewyewchen@gmail.com](mailto:yewyewchen@gmail.com)

Paper ID.: ECC-2014-IS02-03

Paper Title: Hiding Sensitive Itemsets with Minimal Side Effects in Privacy Preserving Data Mining

Author(s): Chun-Wei Lin, Tzung-Pei Hong and Hung-Chuan Hsu

Corresponding Author: Chun-Wei Lin, [jerrylin@ieee.org](mailto:jerrylin@ieee.org)  
Tzung-Pei Hong, [tphong@nuk.edu.tw](mailto:tphong@nuk.edu.tw)

Paper ID.: ECC-2014-IS02-04

Paper Title: The Bridge Edge Label Propagation for Overlapping Community Detection in Social Networks

Author(s): Jui-Le Chen, Jen-Wei Hu and Chu-Sing Yang

Corresponding Author: Jui-Le Chen, [reler.chen@gmail.com](mailto:reler.chen@gmail.com)

Paper ID.: ECC-2014-IS02-05

Paper Title: A New Estimation of Distribution Algorithm to Solve the Multiple Traveling Salesmen  
Problem

Author(s): Shih-Hsin Chen

Corresponding Author: Shih-Hsin Chen, [worldstar.chen@gmail.com](mailto:worldstar.chen@gmail.com)

**Session ID.: ECC-2014-IS03**

**Session Title: Technologies for Next-Generation Network Environments**

**Session Organizer:**

**Chien-Ming Chen**

**Shenzhen Graduate School, Harbin Institute of Technology, China**

**Mu-En Wu**

**Institute of Information Science, Academia Sinica, Taiwan**

**Yue-Hsun Lin**

**Carnegie Mellon University, Pittsburg, US**

Paper ID.: ECC-2014-IS03-01

Paper Title: An Incremental Algorithm for Maintaining the built FUSP Trees based on the Pre-large Concepts

Author(s): Chun-Wei Lin, Wensheng Gan, Tzung-Pei Hong and Raylin Tso

Corresponding Author: Chun-Wei Lin, [jerrylin@ieee.org](mailto:jerrylin@ieee.org)

(Harbin Institute of Technology Shenzhen Graduate School Shenzhen, China)

Paper ID.: ECC-2014-IS03-02

Paper Title: Another Improvement of RAPP: An Ultra-lightweight Authentication Protocol for RFID

Author(s): Xinying Zheng, Chien-Ming Chen, Tsu-Yang Wu, Eric Ke Wang and Tsui-Ping Chung

Corresponding Author: Chien-Ming Chen, [chienming.taiwan@gmail.com](mailto:chienming.taiwan@gmail.com)

(Harbin Institute of Technology Shenzhen Graduate School Shenzhen, China)

Paper ID.: ECC-2014-IS03-03

Paper Title: A Security System based on Door Movement Detecting

Author(s): Ci-Rong Li, Chie-Yang Kuan, Bing-Zhe He, Wu-En Wu, Chi-Yao Weng, and Hung-Min Sun

Corresponding Author: Hung-Min Sun, [hmsun@cs.nthu.edu.tw](mailto:hmsun@cs.nthu.edu.tw)

(Department of Computer Sciences, National Tsing Hua University, Taiwan,  
R.O.C.)

**Session ID.: ECC-2014-IS04**

**Session Title: Intelligent Data Analysis for Social Networks**

**Session Organizer:**

**Hsin-Chang Yang, [yanghc@nuk.edu.tw](mailto:yanghc@nuk.edu.tw)**

**National University of Kaohsiung, Taiwan**

**Leon S.L. Wang, [slwang@nuk.edu.tw](mailto:slwang@nuk.edu.tw)**

**National University of Kaohsiung, Taiwan**

Paper ID.: ECC-2014-IS04-01

Paper Title: SGR-StarCraft: Somatosensory Game Rehabilitation via StarCraft

Author(s): Ching-Hsun Hsieh and Chia-Hui Wang

Corresponding Author: Chia-Hui Wang, [wangch@mail.mcu.edu.tw](mailto:wangch@mail.mcu.edu.tw)

(Ming Chuan University, Taiwan)

Paper ID.: ECC-2014-IS04-02

Paper Title: Discovering Sentiment of Social Messages by Mining Message Correlations

Author(s): Hsin-Chang Yang, Chung-Hong Lee, Chun-Yen Wu and Yu-Chian Huang

Corresponding Author: Hsin-Chang Yang, [yanghc@nuk.edu.tw](mailto:yanghc@nuk.edu.tw)

(National University of Kaohsiung, Taiwan)

**Session ID.: ECC-2014-IS05**

**Session Title: Intelligent Analysis for Biological, Mobile and Cloud Computing**

**Session Organizer:**

**Ping-Tsai Chung, [pchung@liu.edu](mailto:pchung@liu.edu)**

**Long Island University, China**

**Shih-Hao Chang, [shhchang@tku.edu.tw](mailto:shhchang@tku.edu.tw)**

**Tamkang University, Taiwan**

**Kuo-Kun Tseng, [kchtseng@hitsz.edu.cn](mailto:kchtseng@hitsz.edu.cn)**

**Harbin Institute of Technology Shenzhen Graduate School, China**

Paper ID.: ECC-2014-IS05-01

Paper Title: Wavelet-Domain Image Watermarking using Optimization-Based Mean Quantization

Author(s): Huang-Nan Huang, Der-Fa Chen, Chiu-Chun Lin and Shuo-Tsung Chen

Corresponding Author: H-N Huang, [nhuang@thu.edu.tw](mailto:nhuang@thu.edu.tw)

Paper ID.: ECC-2014-IS05-02

Paper Title: The Sybil Attack in Participatory Sensing: Detection & Analysis

Author(s): Shih-Hao Chang, Kuo-Kun Tseng and Shin-Ming Cheng

Corresponding Author: Kuo-Kun Tseng, [kchtseng@hitsz.edu.cn](mailto:kchtseng@hitsz.edu.cn)

Paper ID.: ECC-2014-IS05-03

Paper Title: Boat freeboard calculation method based on laser scanning

Author(s): Yingce Zhao, Guangming Lu and Weidong Chen

Corresponding Author: Guangming Lu, [luguangm@hit.edu.cn](mailto:luguangm@hit.edu.cn)

**Session ID.: ECC-2014-IS06**

**Session Title: Multimedia Innovative Computing**

**Session Organizer:**

**Wu-Chih Hu, [wchu@npu.edu.tw](mailto:wchu@npu.edu.tw)**

**National Penghu University of Science and Technology, Taiwan**

Paper ID.: ECC-2014-IS06-01

Paper Title: Effective Moving Object Detection from Videos Captured by a Moving Camera

Author(s): Wu-Chih Hu, Chao-Ho Chen, Chih-Min Chen and Tsong-Yi Chen

Corresponding Author: Wu-Chih Hu, [wchu@npu.edu.tw](mailto:wchu@npu.edu.tw)

(National Penghu University of Science and Technology, Taiwan)

Paper ID.: ECC-2014-IS06-02

Paper Title: Roadside Unit Deployment Based on Traffic Information in VANETs

Author(s): Ji-Han Jiang, Shih-Chieh Shie and Jr-Yung Tsai

Corresponding Author: Ji-Han Jiang, [jhjiang@nfu.edu.tw](mailto:jhjiang@nfu.edu.tw)

(National Formosa University, Yunlin, Taiwan)

Paper ID.: ECC-2014-IS06-03

Paper Title: Overlapping Community Detection with a Maximal Clique Enumeration Method in  
MapReduce

Author(s): Yi-Jen Su, Wei-Lin Hsu and Jian-Cheng Wun

Corresponding Author: Yi-Jen Su, [iansu@stu.edu.tw](mailto:iansu@stu.edu.tw)

(Shu-Te University, Kaohsiung, Taiwan)

Paper ID.: ECC-2014-IS06-04

Paper Title: Grey Analysis on Underwater Sensor Network of Penghu Set Net

Author(s): Yih-Fuh Wang and Chang-Ling Tsai

Corresponding Author: Yih-Fuh Wang, [yfwang@gms.npu.edu.tw](mailto:yfwang@gms.npu.edu.tw)

(National Penghu University of Science and Technology, Taiwan)

Paper ID.: ECC-2014-IS06-05

Paper Title: A Research of Wireless Energy Collector for Increasing the Power of Rechargeable Device

Author(s): Chuen-Ching Wang, Der-Yuan Wang, Kuang-Hung Chiang, Chi-Hung Wei

Corresponding Author: Chuen-Ching Wang, [t90261@cc.kyu.edu.tw](mailto:t90261@cc.kyu.edu.tw)

(Kao Yuan University, Kaohsiung, Taiwan)

Paper ID.: ECC-2014-IS06-06

Paper Title: How to Determine the Best Indexes of Industry Website by FANP Approach

Author(s): Chih-Chao Chung, Hsiu-Chu Huang, Huei-Yin Tsai and Shi-Jer Lou

Corresponding Author: Shi-Jer Lou, [lou@npust.edu.tw](mailto:lou@npust.edu.tw)

(National Pingtung University of Science & Technology, Taiwan)

Paper ID.: ECC-2014-IS06-07

Paper Title: Mobile Learning Achievement from the Perspective of Self-efficacy: A Case Study of Basic  
Computer Concepts Course

Author(s): Yuh-Ming Cheng, Sheng-Huang Kuo and E-Liang Cheng

Corresponding Author: Yuh-Ming Cheng, [cymer@stu.edu.tw](mailto:cymer@stu.edu.tw)

(Shu Te University, Taiwan)

**Session ID.: ECC-2014-IS07**

**Session Title: Intelligent Technologies for Telematics Applications**

**Session Organizer:**

**Shi-Huang Chen, [shchen@stu.edu.tw](mailto:shchen@stu.edu.tw)**

**Shu-Te University, Taiwan**

Paper ID.: ECC-2014-IS07-01

Paper Title: The Implementation of OBD-II Vehicle Diagnosis System Integrated with Cloud Computation  
Technology

Author(s): Jheng-Syu Jhou and Shi-Huang Chen

Corresponding Author: Shi-Huang Chen, [shchen@stu.edu.tw](mailto:shchen@stu.edu.tw)

Paper ID.: ECC-2014-IS07-02

Paper Title: Driving Behavior Analysis of Multiple Information Fusion Based on SVM

Author(s): Jeng-Shyang Pan, Kaixuan Lu, Shi-Huang Chen and Lijun Yan

Corresponding Author: Shi-Huang Chen, [shchen@stu.edu.tw](mailto:shchen@stu.edu.tw)



**Session ID.: ECC-2014-IS08**

**Session Title: Cross-discipline Techniques in Signal Processing and Networking**

**Session Organizer:**

**Yuh-Yih Lu, [yylu@must.edu.tw](mailto:yylu@must.edu.tw)**

**Minghsin University of Science and Technology, Taiwan**

**Yueh-Hong Chen, [yuehhong@gmail.com](mailto:yuehhong@gmail.com)**

**Far East University, Taiwan**

**Hsiang-Cheh Huang, [hchuang@nuk.edu.tw](mailto:hchuang@nuk.edu.tw)**

**National University of Kaohsiung, Taiwan**

**Paper ID.: ECC-2014-IS08-01**

**Paper Title: Design of Triple-Band Planar Dipole Antenna**

**Author(s): Yuh-Yih Lu, Jun-Yi Guo, Kai-Lun Chung and Hsiang-Cheh Huang**

**Corresponding Author: Yuh-Yih Lu, [yylu@must.edu.tw](mailto:yylu@must.edu.tw)**

**(Minghsin University of Science and Technology, Taiwan)**

**Session ID.: ECC-2014-IS09**

**Session Title: Innovative Computing Technology for Applications**

**Session Organizer:**

**Bao Rong Chang, [brchang@nuk.edu.tw](mailto:brchang@nuk.edu.tw)**

**National University of Kaohsiung, Taiwan**

**Chuan-Yu Chang,**

**National Yunlin University of Science & Technology, Taiwan**

Paper ID.: ECC-2014-IS09-01

Paper Title: High Availability and High Scalability to in-Cloud Enterprise Resource Planning System

Author(s): Bao Rong Chang, Hsiu Fen Tsai and Yun-Che Tsai

Corresponding Author: Bao Rong Chang, [brchang@nuk.edu.tw](mailto:brchang@nuk.edu.tw)

(National University of Kaohsiung, Taiwan)

Paper ID.: ECC-2014-IS09-02

Paper Title: Prostate Tumor Identification in Ultrasound Images

Author(s): Chuan-Yu Chang, Meng-Yu Tu and Yuh-Shyan Tsai

Corresponding Author: Chuan-Yu Chang, [chuanyu@yuntech.edu.tw](mailto:chuanyu@yuntech.edu.tw)

(National Yunlin University of Science & Technology, Taiwan)

**Session ID.: ECC-2014-IS10**

**Session Title: Data Analysis and Data Security**

**Session Organizer:**

**Linlin Tang, [lltanghit@gmail.com](mailto:lltanghit@gmail.com)**

**Harbin Institute of Technology Shenzhen Graduate School, China**

**Jingyong Su, [jingyong.su@ttu.edu](mailto:jingyong.su@ttu.edu)**

**Department of Mathematics & Statistics Texas Tech University, USA**

**Paper ID.: ECC-2014-IS10-01**

**Paper Title: Statistical Analysis of Trajectories on Spheres**

**Author(s): Jingyong Su**

**Corresponding Author: Jingyong Su, [jingyong.su@ttu.edu](mailto:jingyong.su@ttu.edu)**

**(Department of Mathematics & Statistics, Texas Tech University, USA)**

**Session ID.: ECC-2014-IS11**

**Session Title: Context Awareness Services and Intelligent Computing Applications**

**Session Organizer:**

Rung-Ching Chen, [chun@mail.sju.edu.tw](mailto:chun@mail.sju.edu.tw)

Chaoyang University of Technology, Taiwan

Chun-Chieh Fan, [crching@cyut.edu.tw](mailto:crching@cyut.edu.tw)

Chaoyang University of Technology, Taiwan

Paper ID.: ECC-2014-IS11-01

Paper Title: Wireless Sensor and Mobile Application of an Agriculture Security System

Author(s): Chun-Chieh Fan, Rong-Hou Wu, Liang-Lin Jau and Yu-Ming Li

Corresponding Author: Chun-Chieh Fan, [chun@mail.sju.edu.tw](mailto:chun@mail.sju.edu.tw)

(St. John's University , Dept. of Information and Communication Engineering, New Taipei City, Taiwan, R. O. C.)

Paper ID.: ECC-2014-IS11-02

Paper Title: Knowledge Integration Operation for Domain Ontology

Author(s): Rung-Ching Chen, Bo-Ying Liao and Cho-Tscan Bau

Corresponding Author: Rung-Ching Chen [crching@cyut.edu.tw](mailto:crching@cyut.edu.tw)

(Department of Information Management, Chaoyang University of Technology, 168, Jifeng E. Rd., Wufeng District, Taichung City 41349, Taiwan ROC)

Paper ID.: ECC-2014-IS11-03

Paper Title: Increasing customer loyalty in internet marketing

Author(s): Long-Sheng Chen and TzungYu Kevin Yang

Corresponding Author: Long-Sheng Chen, [lschen@cyut.edu.tw](mailto:lschen@cyut.edu.tw)

(Department of Information Management, Chaoyang University of Technology, 168, Jifeng E. Rd., Wufeng District, Taichung City 41349, Taiwan ROC)

**Session ID.: ECC-2014-IS12**

**Session Title: Smart Living Technology**

**Session Organizer:**

**Jhing-Fa Wang, [wangjf@csie.ncku.edu.tw](mailto:wangjf@csie.ncku.edu.tw)**

**Tajen University, Taiwan**

**Jaw-Shyang Wu, [jswu@cc.kuas.edu.tw](mailto:jswu@cc.kuas.edu.tw)**

**Tajen University, Taiwan**

**Shih-Pang Tseng, [tsp@tajen.edu.tw](mailto:tsp@tajen.edu.tw)**

**Tajen University, Taiwan**

**Yuh-Chung Lin, [yuhchung@tajen.edu.tw](mailto:yuhchung@tajen.edu.tw)**

**Tajen University, Taiwan**

Paper ID.: ECC-2014-IS12-01

Paper Title: Assistive Listening System using a Human-like Auditory Processing Algorithm

Author(s): Po-Hsun Sung, Jhing-Fa Wang and Hsien-Shun Kuo

Corresponding Authors: Po-Hsun Sung, [phsung@gmail.com](mailto:phsung@gmail.com)

Paper ID.: ECC-2014-IS12-02

Paper Title: An Adaptive Harmony Search Algorithm with Zipf distribution

Author(s): Shih-Pang Tseng and Jaw-Shyang Wu

Corresponding Authors: Shih-Pang Tseng, [tsp@tajen.edu.tw](mailto:tsp@tajen.edu.tw)

Paper ID.: ECC-2014-IS12-03

Paper Title: LED lighting applications for digital life

Author(s): Lih-Wen Hwang

Corresponding Authors: Lih-Wen Hwang, [lwhwang@tajen.edu.tw](mailto:lwhwang@tajen.edu.tw)

Paper ID.: ECC-2014-IS12-04

Paper Title: The Exclusive Challenge in Pervasive Learning Technology-Points from the Tiger

Author(s): Tzong-Song Wang and Yuh-Chung Lin

Corresponding Authors: Tzong-Song Wang , [tswang@tajen.edu.tw](mailto:tswang@tajen.edu.tw)

**Session ID.: ECC-2014-IS15**

**Session Title: Database and Visualization Technologies**

**Session Organizer:**

**Kebin Jia [kebinj@bjut.edu.cn](mailto:kebinj@bjut.edu.cn)**

**College of Electronic Information and Control Engineering**

**Beijing University of Technology, China**

Paper ID.: ECC-2014-IS15-01

Paper Title: Design of VIP Customer Database and Implementation of DataManagement Platform

Author(s): Rui Li, Miao-Jjie Sang and Ke-Kbin Jia

Corresponding Author: Ke-Kbin Jia, kebinj@bjut.edu.cn

(Beijing University of Technology, China)

Paper ID.: ECC-2014-IS15-02

Paper Title: Design and Implementation of Operation Energy Management System Based on AJAX-SSH2

Author(s): Ye Yuan, Ke-Bin Jia and Qi-Te Wang

Corresponding Author: Ke-Kbin Jia, kebinj@bjut.edu.cn

(Beijing University of Technology, China)

Paper ID.: ECC-2014-IS15-03

Paper Title: Network operation and maintenance system of meticulous management based on data analysis

Author(s): Qi-Te Wang, Ke-BinJia, Ye Yuan and Yu-Xin Song

Corresponding Author: Ke-Kbin Jia, kebinj@bjut.edu.cn

(Beijing University of Technology, China )

Paper ID.: ECC-2014-IS15-04

Paper Title: Image Annotation and Refinement with Markov Chain Model of Visual Keywords and the Semantics

Author(s): Zhong-Hua Sun and Ke-Bin Jia

Corresponding Author: Ke-Kbin Jia, kebinj@bjut.edu.cn

(Beijing University of Technology, China)

Paper ID.: ECC-2014-IS15-05

Paper Title: The Power Spectrum Estimation of Signal Based on Neural Networks

Author(s): Guang-Min Sun, Wei Liu,Fan Zhang and Hao-Cong Ma

Corresponding Author: Guang-Min Sun, gmsun@bjut.edu.cn

(Beijing University of Technology, China)

Paper ID.: ECC-2014-IS15-06

Paper Title: Algorithm of Laser Spots Recognition Based on “Cat Eye Effect”

Author(s): Qiang Wu, Li-Xiao Yao and Xu-Wen Li

Corresponding Author: Qiang Wu, wuqiang@bjut.edu.cn

(Beijing University of Technology, China)

**Session ID.: ECC-2014-IS16**

**Session Title: Computer Networks and Mobile Computing**

**Session Organizer:**

**Han-Chieh Chao, [hcc@niu.edu.tw](mailto:hcc@niu.edu.tw)**

**National Ilan University, Taiwan**

**Whai-En Chen, [wechen@niu.edu.tw](mailto:wechen@niu.edu.tw)**

**National Ilan University, Taiwan**

**Tin-Yu, [tyw@niu.edu.tw](mailto:tyw@niu.edu.tw)**

**Wu, National Ilan University, Taiwan**

Paper ID.: ECC-2014-IS16-01

Paper Title: A synchronization-free cooperative transmission protocol to avoid energy-hole problem for Underwater Acoustic Networks

Author(s): Ying-Hong Wang([inhon@mail.tku.edu.tw](mailto:inhon@mail.tku.edu.tw)) and Kai-Ti Chang([Funkyhome@gmail.com](mailto:Funkyhome@gmail.com))

Corresponding Author: Ying-Hong Wang, [inhon@mail.tku.edu.tw](mailto:inhon@mail.tku.edu.tw)

Paper ID.: ECC-2014-IS16-02

Paper Title: The Study of Using Game Theory for Live Migration Prediction over Cloud Computing

Author(s): Yen-Liang Chen([brian566716@yahoo.com.tw](mailto:brian566716@yahoo.com.tw)), Yao-Chiang Yang([ychiangy@yahoo.com.tw](mailto:ychiangy@yahoo.com.tw)) and Wei-Tsong Lee([wtlee@mail.tku.edu.tw](mailto:wtle@mail.tku.edu.tw))

Corresponding Author: Wei-Tsong Lee, [wtlee@mail.tku.edu.tw](mailto:wtle@mail.tku.edu.tw)

Paper ID.: ECC-2014-IS16-03

Paper Title: A Greedy-Based Supply Partner Selection for Side-by-Side 3D Streaming on P2P environment

Author(s): Yu-Jhih Wang([hen19891015@gmail.com](mailto:hen19891015@gmail.com)), Hsin-Hung Cho([hsin-hung@ieee.org](mailto:hsin-hung@ieee.org)),

Wei-Chung Liu([wjll792@gmail.com](mailto:wjll792@gmail.com)), Han-Chieh Chao([hcc@niu.edu.tw](mailto:hcc@niu.edu.tw)) and

Timothy K. Shih([timothykshih@gmail.com](mailto:timothykshih@gmail.com))

Corresponding Author: Hsin-Hung Cho, [hsin-hung@ieee.org](mailto:hsin-hung@ieee.org)

Paper ID.: ECC-2014-IS16-04

Paper Title: A SIP/IMS Platform for Internet of Things in WLAN-3GPP Integration Networks

Author(s): Whai-En Chen([wechen@niu.edu.tw](mailto:wechen@niu.edu.tw)) and Shih-Yuen Cheng

Corresponding Author: Whai-En Chen, [wechen@niu.edu.tw](mailto:wechen@niu.edu.tw)

Paper ID.: ECC-2014-IS16-05

Paper Title: Globally Optimized Cooperative Game for Interference Avoidance in WBAN

Author(s): Tin-Yu Wu([tyw@niu.edu.tw](mailto:tyw@niu.edu.tw)) and Wen-Kai Liu([kevin1990115@gmail.com](mailto:kevin1990115@gmail.com))

Corresponding Author: Tin-Yu Wu, [tyw@niu.edu.tw](mailto:tyw@niu.edu.tw)



**Session ID.: ECC-2014-IS17**

**Session Title: Multimedia Signal Processing and Classification**

**Session Organizer:**

**Shu-Chuan Chu, [scchu@csem.flinders.edu.au](mailto:scchu@csem.flinders.edu.au)**

**Flinders University of South Australia, Australia**

**Li-Jun Yan, [yanlijun@126.com](mailto:yanlijun@126.com)**

**Harbin Institute of Technology Shenzhen Graduate School, China**

Paper ID.: ECC-2014-IS17-01

Paper Title: Feature Line-based Local Discriminant Analysis for Image Feature Extraction

Author(s): Jeng-Shyang Pan, Shu-Chuan Chu and Lijun Yan

Corresponding Author: Lijun Yan, [yanlijun@126.com](mailto:yanlijun@126.com)

(Harbin Institute of Technology Shenzhen Graduate School, China)

Paper ID.: ECC-2014-IS17-02

Paper Title: Research and Design of Campus Network VOD System

Author(s): Kuiliang Xia, Xiaoming Song and Xiangfeng Suo

Corresponding Author: Kuiliang Xia, [250515679@qq.com](mailto:250515679@qq.com)

(Heihe University, China)

Paper ID.: ECC-2014-IS17-03

Paper Title: Prediction for Chaotic Time Series of RBF Neural Network Based on Particle Swarm Optimization

Author(s): Bao-Xiang Du, Wei Xu, Shu-Chuan Chu and Qun Ding

Corresponding Author: Qun Ding, [qunding@aliyun.com](mailto:qunding@aliyun.com)

Paper ID.: ECC-2014-IS17-04

Paper Title: Segmentation and Description of Human Facial Features Region

Author(s): Ying-Li Wang, Yao Wang and Song Li

Corresponding Author: Ying-Li Wang, [midaspeking@sina.com](mailto:midaspeking@sina.com)

Paper ID.: ECC-2014-IS17-05

Paper Title: Design and Implementation in Image Compression Encryption of Digital Chaos Based on MATLAB

Author(s): Zhi-Qiang Li, Xiao-Xin Sun, Chun-Lei Fan and Qun Ding

Corresponding Author: Qun Ding, [qunding@aliyun.com](mailto:qunding@aliyun.com)

Paper ID.: ECC-2014-IS17-06

Paper Title: Depth Map Coding Based on Arbitrarily Shaped Region

Author(s): Ruizhen Liu and Anhong Wang

Corresponding Author: Anhong Wang, [wah\\_ty@163.com](mailto:wah_ty@163.com)

(Taiyuan University of Science and Technology, China)

**Session ID.: ECC-2014-IS18**

**Session Title: Intelligent Data Analysis and System Reliability Modeling**

**Session Organizer:**

**Baolong GUO, blguo@xidian.edu.cn**

Paper ID.: ECC-2014-IS18-01

Paper Title: An Effective Approach Based on Partial Duplication for Reducing Soft Error Rate in SRAM-Based FPGA

Author(s): Baolong GUO, Guochang ZHOU, Jinfu WU, Xiang GAO and Yunyi YAN

Corresponding Author: Baolong GUO, blguo@xidian.edu.cn

Paper ID.: ECC-2014-IS18-02

Paper Title: Research on the System Reliability Modeling Based on Markov Process and Reliability Block

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