

2011 13th IEEE Joint International Computer Science and Information Technology Conference
(JICSIT 2011)

2011 6th IEEE Joint International Information Technology and Artificial Intelligence Conference
(ITAIC 2011)

Chongqing, China

August 19-21, 2011

Conference Program Guide

<http://www.jicsit.org>

<http://www.itaic.org>



Registration Only: August 19, 2011 (Friday) (8月19日 星期五)

Chongqing Wanyou Conifer hotel (重庆万友康年大酒店)

13:00 -22:00	Arrival and Registration
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Note:

- (1) You can also register at any time during the conference.
- (2) Certificate of Participation can be collected at the registration counter.
- (3) Conference will be started on August 20.
- (4) The organizer won't provide accommodation, and we suggest you make an early reservation.
- (5) Please register the Chongqing One Day Tour at the registration desk.

Conference Banquet:

Lunch Break:

Time: 12:00 PM-13:00 PM, August 20 **Venue: Village Coffee Shop(三楼乡村咖啡厅)**

Dinner:

Time: 18:00 PM-20:00 PM, August 19 **Venue: Village Coffee Shop(三楼乡村咖啡厅)**

Time: 18:00 PM-20:00 PM, August 20 **Venue: Taipans Chinese Restaurang (四楼大丰堂)**

Keynote Speaker

Dr. Ferdinand Peper

Dr. Peper was born in Netherland. He received his Ph.D. degree at Delft University of Technology, Netherland, in 1989. From 1990 to 1993, he was a Postdoctoral Fellow at Communications Research Laboratory (currently National Institute of Information and Communications Technology), Kobe, Japan. From 1993, he has been a Senior Researcher at National Institute of Information and Communications Technology. He is also a Visiting Professor at the University of Hyogo, Japan. Dr. Peper's research interests include Nano-computing, Nano-computer architecture, cellular automata. He has published tens of papers in international academic journals, such as Nature Physics, IEEE Transactions on Computers, IEEE Transactions on Nanotechnology, Nanotechnology, etc. Dr. Peper currently serves as an Editorial Board member of International Journal of Unconventional Computing (IJUC), International Journal of Nanotechnology and Molecular Computation (IJNMC), and Mathematical Modelling and Applied Computing (MMAC). He was the chair of the 3rd International Conference on Unconventional Models of Computation (UMC'02), and the 4th International Workshop on Natural Computing (IWNC 2009). Dr. Peper is also a Member of Working Group on Emerging Research Devices (ERD) of The International Technology Roadmap for Semiconductors (ITRS).



Dr. Yinong Chen

Dr. Yinong Chen received his Ph.D. degree from the University of Karlsruhe, Germany, in 1993. He did postdoctoral research at LAAS-CNRS, Toulouse, France. He joined of Computer Science Department at the University of the Witwatersrand, South Africa, in 1994, and joined the Faculty of Computer Science and Engineering at Arizona State University, U.S.A. in 2001. His research areas include computer science education, service-oriented computing, cloud computing, robotics, and distributed systems. Dr. Chen published five books and over 100 research papers. He developed three core courses on service-oriented computing for the computer science program at Arizona State University and wrote two textbooks for the courses. He received the Teacher of the Year Awards in 2008 and in 2009 for two consecutive years. He is the Editorial Board Member of Journal of Systems & Software, Journal of Simulation Modeling Practice and Theory, and International Journal of Simulation and Process Modeling. He severed many scholar activities as followings:

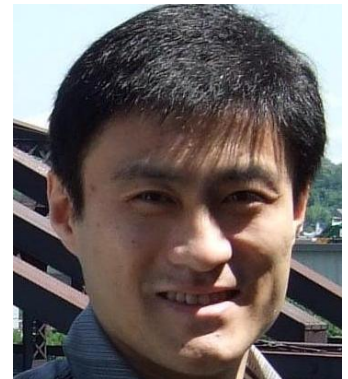


- Program Chair, the International Symposium on Autonomous Decentralized System (ISADS 2011), March 2011, Japan
- Program Chair, the 8th International Workshop on Assurance in Distributed Systems and Networks (ADSN 2009), June 2009, Canada

- Program Chair, the 2nd IEEE International Workshop on Collaborative Computing, Integration, and Assurance (WCCIA 2006), April, 2006, Korea
- Publication Chair, IEEE International Workshop on Service-Oriented System Engineering (SOSE 2005), October, 2005, China
- Organizing Chair, Tenth IEEE International Workshop on Object-oriented Real-time Dependable Systems (WORDS 2005), Feb, 2005, USA

Dr. Chengcheng Li

Dr. Chengcheng Li teaches DE computer networking and security courses in the Department of Technology Systems at East Carolina University. He received both his M.S. and Ph.D. degrees in computer science from Texas Tech University. He also obtained an MBA degree from University of Monaco. Dr. Li is the PI of an NSF grant that leads to the discussion of the technologies in this presentation. He has been actively involved in US federal, industry, and ECU internal research projects. His research interests are in Technology Education, Computer Networking, Network Security, Cloud Computing, Artificial Intelligence, Reinforcement Learning, and Image Processing. He can be reached at liche@ecu.edu



Morning, August 20, 2011 (Saturday)

Venue: **International Convention Hall A(二楼国际会议 A 厅)**

Time	Activity	Location
8:30 - 8:50	Opening Ceremony (开幕式)	International Convention Hall A
8:50 - 9:40	Keynote Speech 1 (主题报告1) Dr. Ferdinand Peper (Japan)	International Convention Hall A
9:40 - 10:00	Photo (合影)	
10:00 - 10:15	Coffee Break	
10:15 - 11:05	Keynote Speech 2 (主题报告2) Dr. Yinong Chen (USA)	International Convention Hall A
11:10 - 12:00	Keynote Speech 3 (主题报告3) Dr. Chengcheng Li (USA)	International Convention Hall A
12:00 - 13:00	Buffet Lunch	Village coffee shop (三楼乡村咖啡厅)

Afternoon, August 20, 2011 (Saturday)

Venue: **Crystal Function Room A (一楼水晶厅A)**

SESSION – JICSIT2011– 01

Session Chair: Dr. Jun Zeng

Time: 13:30 – 17:30

Id	Author	Title
4	Hu kai,Dai Yun zhan,Jiang Si,Zhang Yun,Tang Qi rong	Study on an Improved Method for Simulating Multiple Uncorrelated Rayleigh Fading Waveforms
14	S.H.Alavi,A.Yazdizadeh,A.Aliabadi	Modeling and Identification of Hydraulic Part of KAROON III Hydro Power Plant
17	Mengqiao Huang,Changshe Ma	Nonwandering points in a SDS

32	LIU Huai-hui	Triangular Meshes Dissection Algorithm Based on Minimum Weight Principle
36	Zhu Lingyun,Lu Xiong	A Novel Ambulatory ECG Compression Method Based on Feature Wave Detection And Downsampling
38	Shi Guang-yuan,Gong Bei,Zhu zhen-shan	A TPM-based Protection Mechanism for Remote Attestation Evidence
39	Huashan Qi,Wuzi Cui,Na Le	Research and Practice of Programming Teaching Method Based on the Idea of Practice-centered Teaching
66	Xuefeng Dong,Xiaoliang Li,Juqin Zhang,Xianding Wu	Development of Test Platform for High-Voltage Storage Capacitor
67	Lijun Sun,Xueqing Li	ANALYSIS OF TID2008 AND LIVE DATABASES
69	Shi Baohua,Cai Yongjun,Zhu Meng,Xu Qingsong	The Design of Electro-hydraulic Proportional Fuzzy PID Control System Based on S7-300
70	Jiang Binghua,Xu Qingsong,Cai Yongjun,Feng Zhao,Wang Yating	Comparison of Three Communication Methods Between PC Machine and C8051F MCU
74	Yanfeng Qi,Maozhi Xu,Chunming Tang	A Class of Elliptic Curves in Edwards Form
75	Wei Ren,Dingxin He,Jin Zhao	A Performance Evaluation of RTOS for TOPPERS/ASP Kernel
76	Lijun Lun,Xin Chi	On the Relation of Software Architecture Testing Criteria in the C2 Style
83	YiMin Tian,Ao Zhang	On the case of the evolution of vortices in BEC
84	Zheng Liu,Yong Xiang,Weizhen Sun	GeoSVR: A Geographic Stateless VANET Routing
87	LIU Chang,ZHENG Jun,REN Zhanyong	Software Architecture of Integrated Modular Avionics Software Testing Environment
88	Shi Qiaoshuo,Li Chongchong,Li Jungang	Study on Timely Scheduling Algorithm for Load Balance Based on Support Vector Machine
92	Ma Yuchun,Li Zhuang,Chen Xiaoyan	Comprehensive Practice Research of Professional Platform Courses Based on Computer Monitor Technologies
100	Li Ma,Sihui Shu,Qian Hao,Yuefei Sui	Layered Dynamic Access Control Model and Its Formalization
105	Gu Yu,Guo Wenjuan	The Apply of Data Mining in Financial Distress Prediction Model of Logistics Companis
107	Fang Li	A Novel Algorithm for Color Image Denoising Based on the CB Color Model
110	Ting-Cheng Chang,Kuang Yu Huang,Chuen-Juan Jane	Multi-Attribute Decision-Making based on Rough Set Theory and Modified PBMF-Index Function
117	Kuang Yu Huang	Application of Enhanced Classification Method to Automatic Stock Portfolio Selection System

119	Hailong Yang,Zhouhu Deng,Zhiyong Zhang,Xuewen Wang,Dongguo Ding	Design on Adjustable Multiple-Parameter Pulse Generator
120	Yan Chen,Kaimin Sun	Information Measurement of Classification Maps and Scale Effects
122	Yang Chengxu,Wang Hong	A Real-time Integrated Navigation System for UAV Autonomous Landing Using a Single Airborne Camera
123	Zhuangzhi Wu,Lina Qi,Pei Luo,Lu Feng	Edge-preserving Multi-scale Image Decomposition Based on Alpha-shape
125	Pengfei Sun,Qingni Shen,Liang Gu,Yangwei Li,Sihan Qing,Zhong Chen	Multilateral Security Architecture for Virtualization Platform in Multi-tenancy Cloud Environment
127	Feng Yang,Liang Fang	CT/MR Image Registration Combined Multi-Resolution with Hybrid Search Strategy
133	Bi Kun,Huang Feifei,Wang Cheng	Research on Fisheye lens based plant root inspection and analyzing system
139	LI Jian,WANG Beijun	Improvement of Information Transmission Quality of Digital Libraries
141	Jun Zeng,Jun Li	Operations Simulation as a Cloud Based Service
143	Shuping li,Ruisheng Zhang,Caihua Hu,Rongjing Hu,Yao Cheng,Jiajun Xie,Min Zhang	Development of UDLCEditor: A DLTK-based IDE for UDLC on Grid
144	Aobing Sun,Tongkai Ji,Qiang Yue,Song Yang	Virtual Machine Scheduling, Motion and Disaster Recovery Model for IaaS Cloud Computing Platform
146	Chen Wang,Maozhi Xu, Huaixi Wang,Rongquan Feng	A Practical Lattice-based Ring Signature Scheme
148	Yan Ming,Zhou Changsheng	Opinion on the Next Generation of Search Engines
154	Ge ZHU,Feifei Yang	The Influence of Switching Cost on Market Structure: A Case Study of Mobile Number Portability Policy
169	Jin Cui,Hao Wang,Shining Li,Zhigang Li	Deployment Issues for Robust Time Synchronization in WSN
172	Guang jin,Xianliang Jiang,Cuixia Ni,Jiangbo Qian,Zhijun Xie	The Management of Capabilities for Traffic Validation Architecture
176	Huang Daoping,Huang Feifei,Wang Cheng,Bi Kun	A method to measure plants grown uniformity Based on ultrasonic
183	Haiyan Chen,Zhenyu Yu,Qiang Zhang	Automatic Identification of Key Parameters for Rail Transit Vehicles
184	Renshi Luo,Zhenyu Yu,Tao Tang	Accurate Train Stopping by Model Following Sliding Mode Control

Venue :Crystal Function Room B (一楼水晶厅B)

SESSION– JICSIT2011– 02

Session Chair:Prof. LI Jian

Time: 13:30 – 17:30

Id	Author	Title
190	Gang Wang,XiaoLin Gui,Guangfu Wei	Trust Evaluation Model Based on Opportunity Cost in P2P Networks
192	Rong Xie,Xin Luo	Building Occupant Evacuation Models Inside Buildings - Approach, Progress and Solutions
198	Xiaobing Xiong,Yongzhong Huang,Gang Zhou, Shaozhong Guo	A Few Chirps About Sina Micro-blogging
199	Meijing Guan,Jin Shan,Wang Ming,Zhou Hui,Qingzhang Chen	Design and Implement of Enterprise Knowledge Management System
200	ZhengQiu Lu,Meijing Guan,Wang Ming,Xiaoying Chen,Qingzhang Chen	Design of an Energy-Efficient Double Rounds Clustering Protocol in Wireless Sensor Network
211	Lv Jianjun,Liu Jianxin	Minor-Caliber Pipe Flow and Pressure Measurement System Design Based on Ultrasonic
214	Yu Li-Na,zhang huixin,qin li	Silicon Pressure Sensor Reliability Intensifying Test Qualitative Analysis
216	Qiang Wang,Baiyu Xin,Chao Li,Hong Chen	The Realization of Reusability in Vehicular Software Development under AUTOSAR
218	Bing-Yu Sun,Zhi-Hua Zhu	Prognosis in Early-Stage Non-Small-Cell Lung Cancer Using Support Vector Machine
230	Hua Chen,Xiangbing Wang,Jianfeng Li	A Suboptimal Tracking Control for a Calss of Nonholonomic Chained Systems
231	Li Yi	Parallel Computing For Mining Frequent Itemset
233	Ji Li,Liu Kun,Xiang Junhua	Model Predictive Technology Based Integrated Orbit and Attitude Control of Inner-Formation Gravity Field Measurement Satellite
235	Liu an cai,Liu peng,Mao yue yi,Liu xiao jun	Analysis of Mixed Combustible Gas Based on Single Sensor and RBF Neural Network
241	Anna Wang,Jinbo Wang,Fenghou Pan,Chenglong Shi	Electromagnetic Design of the Permanent Magnet Drive Based On 3-Dimensional Finite Element Simulation
243	Lingfei Wu,Ming Xu,Jian Xu,Ning Zheng,Haiping Zhang	A Novel Malware Variants Detection Method Based On Function-call Graph
249	Xirimo Bao,Guanglai Gao,Xiulian Liu	Multisequence and Multistream Based Derivations of Re-estimation Formulae for Acoustic Model

256	Lian Liu,Weining Liu,Chao Du	Mean-Shift Tracking Algorithm with Adaptive Kernel-Bandwidth of Target
258	Gi Myung Kim,Se Hwan Kim,Seung Ho Hong,Jin Lee	Design of a BACnet-ZigBee Gateway for Smart Grid in Buildings
260	Jian-dong Zhang,Jin Yang,Xuan Ma,Cai-ming Liu,Bin Li	Research and Implementation of AHP Scheduling Algorithms for Load Balancing
263	Xiaoguang Li	Robust Joint Precoding Design in MIMO Cooperative Systems
269	Haijing Ji,Junmei Sun	Quantum genetic algorithm based on Boltzmann selection mechanism
271	Chongyang Wei,Tao Wu,Baojun Qi,Bo Zhang,Qixu Liu	A Novel Background Estimation Method for Infrared Maritime Object Detection
273	Jianjie Fu,Ting Luo	Design and Implementation of Dynamic Web System Based on Free Drag Model
276	Guang Yang,Kenji Nakayama,Akihiro Hirano	A Dual-Class Voting Mechanism for Brain Computer Interface based on Wavelet Packet and Support Vector Machine
278	Lingbo Liu,Hengnong Xuan,Weimin Wang,Jie Lv,Lang Zhou,Huaili Zheng,Hui Tang	Study on Classified Teaching Model of Computer Common Course in Finance and Economics Colleges
283	Borui Li,Chundi Mu	Computer Vision Based Autonomous Aerial Refueling for Unmanned Aerial Vehicles: A Survey
296	Yongrui Xu,Yongguo Han	MLB-Wrapper: Distributed High Scalable BP-Wrapper
299	Sung-Jung Hsiao,Wen-Tsai Sung	Real-Time Cloud Computing for Web-Based Searching System of Pattern Recognition
300	Ben Thornton,Chengcheng Li	The applicability of network management systems in small businesses
302	ZHEN-LI TANG,XIAO-TONG FANG	Attacks and Cascades in Weighted Scale-free Networks
303	Xinwu Yang,Xiaojun Xu,Chunnian Liu	Eyebrow Recognition Based on Sparsity Preserving Projections
304	Zhang Jian,Song Wan-juan	The Framework Base on Bayesian Predictive Filtering Algorithm in VR/AR
305	Zhang Jian,Song Wan-juan	A Go Automatic Recognition System Base on Video Processing
307	Geng Haofei,Gan Ping,Han Sheng,Huai Xian,Chen Lili,Deng Shixiong,Xiong Xingliang	The hardening characteristic spectrum analysis of vascular wall elasticity noninvasive dynamic information
308	Haiwei Xue,Xiong Liu,Yiqi Dai	A Privacy Protection Model on Internal Networks
309	Kong Xiaolin,Wang Yi,Ju Anli,Liu Yichen	Hormone Adjustment Based Quantum Clone Evolutionary Algorithm

313	Bo Qu,Jingjing Liu	Design of Weight Transfer Detector for the Golf Player
314	Xiaoxi Chen,Yanjie Wang	Contrast Restoration of Fog Degraded Images based on Atmospheric Scattering Model
315	CHENG-XIANG SHI	Algorithm of Fuzzy Color Images Edge Detection Based on Feature Divergence
316	Chenn-Jung Huang,Chin-Fa Lin,Po-An Hsu,Yu-Wei Lee,Heng-Ming Chen,Yih-Jhe Lien,Ching-Yu Li,Yi-Ju Yang,Jia-Jian Liao,You-Jia Chen	Application of Fast Learning Neural-Networks to Identification of Mixed Anuran Vocalizations
319	Tzren-Ru Chou,Lu-Min Lu	Interactive Audio Effector with Continuous Parameter Control by Voice
320	Yongkang Xing,Nannan Wu	Dynamic Ranking Objects based on Time Varying Event Network
327	Chao GAO,Weibo DENG	Subspace Method for Suppression of Sea Clutter in Bistatic HF Radar
328	Liefu Liao,Jianjin Zhong	Consumer Satisfaction, Trust and Loyalty in C2C Electronic Commerce
329	Xiaowei Shi,Weijian Mi,Linping Huang,Daofang Chang	An Intelligent Recommendation System for TV Programme
333	Chao Zhang,Hongwei Zhu	Using AIG and Graph Characteristics in Boolean Satisfiability

Venue :Amber Function Room A (一楼琥珀厅A)

SESSION – JICSIT2011– 03

Session Chair: Prof .JIANG Jianhui

Time: 13:30 – 17:30

Id	Author	Title
339	Jian Zhong,Yilu Zhou,Wei Deng	Filtering Image-based Spam Using Multifractal Analysis and Active Learning Feedback-Driven Semi-Supervised Support Vector Machine
349	Brandon Matt,ChengCheng Li	A Survey of the Security and Threats of the IMT-Advanced Requirements for 4G Standards
351	Jason Folker,Chengcheng Li	Troubleshooting the Physical Layer of DWDM Systems: A Case Study
355	Kang Peng,Chuang Xu,Peng Wu,Lei Hu	A Solution to Tag Selection in UHF RFID System
J106	YI Jun	An Entropy-based Tasks Assignment Algorithm for Wireless Sensor and Actor Networks

J119	SHU Zong-ying	The Research Of Digital Resource Technique In Libraries
J121	Huang Mu	A Study on the Cognitive theory -based Multimedia Teaching of ideological and political
J124	ZHANG Jian,PENG jinxiang,HUANG Min	A view-dress based algorithm for rebuilding 3D models
J142	Yuan Chen,Xu Chuanyun	Implementation of general report generator based on Web
J150	Lutao Wang,Gang Jin,Hongbing Xu	A New Method for High Frame-rate and High Quality Medical Imaging
J156	Yu-han ZHANG,Ning LI,Ying-ai TIAN	XML-based Intelligent Document Technology and Its Development
J158	Liangjun LI,Hongliang ZHANG,Ming YANG,Tienan LI	Application of AdaBoost on Face Detection
J165	De-cheng Qiu,Shu-xun Wang,De-qi Xu	Design and Implementation of Heavy Data Buffering System: P2P Cache
J170	Dong-ming Li,Ning Li,Qi Liang	The semantic validation of document format
J180	Jue Huang,Bing Chen	Improved Chinese Spam Filtering Algorithm Based on AIS
J186	Qingfang Zhou,Yanling Tao	Design of System of Campus Closed Circuit TV supervision
J201	YU YANG	An Application of Gray Level Co-occurrence Matrix in Computer-assisted Tooth Decay Diagnosis
J202	Zhang Yongqing,Zhu Min,Zhang Danling,Mi Gang,Ma Daichuan	Improved SMOTEBagging and Its Application in Imbalanced Data Classification
J205	Sun Hao	Study on Model of E-Government Public Satisfaction Based on Service-Oriented
J211	Liu Dianting,Liu Yao-ming,Xiao Lei	Networked Collaborative Design Task Decomposition Based on LDSM
J213	Li Wei,Yuan Decheng	Study of an Optimal Control Strategy for Biological Wastewater Treatment Process
J218	Chen Weiyu,Jia Nan	Teaching Analysis Based on Association Rule Mining
J227	Gui Chun	The Integration Design for University's Heterogeneous Data System Based on XML
J229	Shugang Liu,Pan Zhang	Analysis and application based on Zigbee and RSSI algorithm
J239	Xu Guanglian	Network Monitoring Model Extension or Reduction of The Mathematical Algorithms
J246	Tong Zehua,Han Chunhua	Research on Evaluation of Enterprise Knowledge Sharing Capability Based on GRNN
J255	Mingguo Li	Architecture of WebGIS based on Web2.0

J268	Kefei Cheng,Jun Feng,Kewen Pan,Mingguo Li	Software State Monitoring Model Studies Based on Multivariate HPM
J271	Yu Zhandong,Wang Gang	Auto-Swing up Control via BVP Arithmetic for the Rotational Inverted Pendulum
J273	WU Qunyong,ZHANG Aiguo,Li Jing	A Self-Adaptive Mobile Cartography Method Based on Terminal Device Information
J280	Lin Nie,Xinglan Zhang	Open-refreshing verifiable secret sharing scheme in asynchronous system
J284	HE Manhui,CHI Na	Research on improvement of Multi-Agent-based E-commerce recommendation system
J286	ZHANG Houjun,JIANG Jianhui,SHENG Weiguang	An Improved Algorithm of DFG Regularity Extraction for Reconfigurable Systems
J287	Hu Zhengquan,Lei Guoping	Learning Behavior Tracing in Online Course Based on SCORM Standard
J288	Duan Jie,Liu Yong,Wang Yanhong	Study on the Evaluation of Technological Innovation Efficiency of Equipment Manufacturing Industry in China Based on DEA
J296	Pu Heping,Li Pengxi,Long Shiwen	Study on the Applicaton of MAC-based VLAN and Multi-domain Authentication in the Campus Network Management
J298	Daijun Zhong,Guiqiang Hu	Dynamic Analysis of Terrorism using Artificial Intelligence Techniques: A case study
J315	Li Han,Li Jun	Research on Network Marketing of Chinese Clothing Corporation
J316	Xiang Chaochun	Research on Negative Effect on E-learning
J324	Guozhong Bai,Lina Yao	Three Transportation Models Based on Special Tasks
J329	Yin Jie,Zhang Yang,Yu Dan,Ma Shilong	An automatic testing framework applied on LIW and its implementation
J336	ZHAO An-xin,CHEN Ming,LIU Jun-Hua,ZHANG Zhong-Hua	The FIR Filter Design Method Based on Improved Genetic Algorithm

Venue :Amber Function Room B (一楼琥珀厅B)

SESSION – JICSIT2011– 04
Session Chair:Prof. Tingchun Shi
Time: 13:30 – 17:30

Id	Author	Title
J337	HAO Qin-xia,ZHAO An-xin	The optimal design and parameter selection of FIR filters
J339	Wei Yang,Danhui Yi,Yanming Xie,Tian Feng	General Latent Structure Models and Statistical Validation of Osteoporosis syndromes feature of community women

J340	Samaneh Hojjatoleslami, Vahe Aghazarian, Mehdi Dehghan, Nima Ghazanfari Motlagh	PSO Based Node Placement Optimization for Wireless Sensor Networks
J343	Xiaoling Tan, Xing Zou	Exploration of the Examination Reform in Advanced Language Program Design Course
J349	Zhou Yuanchao	Application of Multimedia in Education of Schoolgirl's Public P.E. in College and University
J364	Jiong Guo, Yunji Hou	Construction of learning unit information model of project-centered training courses in e-Learning environment
J375	Qingyuan Sun, Tao Mei, Lingcheng Kong, Zhihua Zhang	ZigBee Temperature Monitoring System Based On Wireless Sensor Network
J376	Wu Di, Zheng Taolei, Chen Ke	BIST Circuit Design for SRAM Based on the March C- Algorithm
J377	Xian Hu, Tingchun Shi, Jie Luan	Design and manufacturing of the individualized auricle based on reverse engineering
J385	Jianping Lu	A Novel Method for Video Surveillance System Safety
J389	Luo Dan	The art features of computer vector graphics
J412	Chao TANG, Yiheng CAI, Xinfeng ZHANG, Shuai WEN	A Comparative Study on Methods of Colorimetric Characterization of LCD
J417	Chen Gang, Chen Qiang	Mobile communications LTE FDD system of performance index and key technology
J421	Dingyuan Zhao	Developing trends of SOC and embedded system
J439	Yangxia Xiang, Xiaoxuan Xiang, Huimin Zhang, Hongyan Wang	MPI Code Generation of Parallelizing Compilation Based on Open64
J444	Li Guojin, Liang Xi	A New Asymmetric Encipherment System
J448	Kang Peng, Min Xie, Peng Wu, Liuyue Su	Digital Multiplexing Solutions in Cockpit Video Acquisition
J449	ZHANG Jiang-wei, ZENG Yi, HU Yan-qiang, LIU Qing-xiang	An Approach for Service Composition based on OWL-S Process Model
J450	L. Gu, Y. D. Li, Y. S. Xia, J. X. Zhang, L. S. Luo, X. W. Wei	Simulation of Rotating Magnetic Field on Ion Distribution in Saltwater
J452	Zhou Yi, Zhao Xiao-gang, Zhao Jian-yu	Application of Grey Relational Analysis and Its C# Program in the Impact Factors of Rigid Polyurethane Foam in the Electrical Heat Tracing
J461	Jieqiong Zheng, Zeyu Chen, Changjun Zhou	Applying NN-based Data Mining to Learning Performance Assessment
J462	LIU Yichen, WANG Yi, FAN Yangyu, NIU Yilong	Adaptive Hormone Regulation Operator For Genetic Algorithm
J463	Yong Xu, Jian Zhao	Application of Hungarian algorithm for Optimal

		Download Strategy in P2P File-Sharing Systems
J471	LIU Liang-Kai,LIU Hong,CHENG Jian	A Carrier Frequency Estimation Algorithm Combined by Rife Algorithm and High-Order Cyclic Cumulants
J474	Tao Huang,Zhuobin Wei,Jinghua Diao	Risk Model with Random Fuzzy Theory
J477	Zhou Jie,Wu Jiangjiang,Wang Zhiying,Ren Jiangchun,Chen Yong,Mei Songzhu	A Computer Forensic System Based on Multi-leveled Marks Mining
J478	Feng XIAO,Mingquan ZHOU,Guohua GENG	A Novel Method of True Color Image Edge Detection Based on Wavelet Multi-scale
J479	Xianjin Fang,Dong Hui	Research on the statistical approach for Audience Rating Based on Image Recognition
J481	Jinhui Lei,Xuebing Yang,Bin Li	Research on Data Acquisition and Analysis System Based on WinCC
J482	Zhao Jun,Xu Guangdong	A Study of the Cooperation Model of Production, Learning and Research in Heavy Machinery Industry
J487	Chen Maoyuan,Gu Fengqiang,Li Bo,Cui Liangliang,Ma Li	Based on Quagga Security Routing and Authenticated Encryption Integrated System
J488	Wei-ke Nie,Ai-qin Hou,Da-zheng Feng,Jian-qiang Liu	An new algorithm for DOA estimation based on non-orthogonal joint diagonalization
J490	Gou Zhanfeng	The Embedded Network Video Server based on H.264
J494	Yanbin Sun,Zhihong Tian,Jianwei Ye,Hongli Zhang,Shuofei Tang	UDP flow detection and analysis using dynamical timeout strategy based on sliding-window
J497	FAN Yuenong,GONG Rongzhou,CHEN Liangyan	First Principle Studies of Structures of Small ZnOn (n=1~13) Clusters
J498	Yan Zhang,Lixin Xu	Research on the Heart-Torso Electric Field of Passive Human Body Detection System
J507	Tan Zhongbing	Research on a New Clustering Algorithm in Data Mining
J509	Yan Li,Liangchen Liu, Hua Xie,Ya Gao	Impulsive Control of Nonlinear Discrete System with Time Delay
J511	LI Juan,ZENG Yi,HU Xiao-Wei,LI Xian-Jun,WANG Cui-Qin	New Metrics for Web Software Complexity using Projection Pursuit and Artificial Fish Algorithm
J514	Huang Yu,Zuo Zhen	The algorithm on prediction of intelligent bus arrival time based on RFID
J520	Rushdi Hamamreh,Mohammad Odeh,Mousa Farajallah	RAMD:Route Authentication and Misdirection Detection Protocol
J521	Bibo Lu,Qiang Liu	Fourth Order Method for Image Denoising Based on Gaussian Curvature
J529	LEI Jing-tao,ZUO Ren-gui,CAO Yuan-long	Matting Image Based on D-S Evidence Theory

J531	Yong Hou,Xiao Wu,Yunwei Dong,Fan Zhang	Design and Implementation of an AADL Model Parser
J539	Chang Ge,Xing Wang,Yangmin Yu,Gang Yuan	A New Operating System Based on Cloud Computing—Its Principles and Design
J550	WANG Bo	Integration Research on BACnet Network and 6LoWPAN

Venue :Jade Function Room A(一楼翡翠厅A)

SESSION – ITAIC2011– 01

Session Chair: Prof. Chengcheng Li

Time: 13:30 – 17:30

Id	Author	Title
18	Ji Dan, Qiu Jianlin,Chen Yanyun, Chen Li	Clustering Method and Its Formalization
22	M.Aliasghary, H.Ghasemzadeh, A.Naderi ,A.Pourazar	Design of Radial Basis Function Neural Networks Controller Based on Sliding Surface for a Coupled Tanks System
25	Fulai Yao ,Hexu Sun	Optimal Control in Constant-speed Fan Stations
28	Mei Bin	Dual-Microcontroller Based GPRS Data Transmission Control System Design
29	Li Jun, Lanfang Miao, Yangfei Huang , Ding Fei	Research of Kungfu Animation Based on Video Capture
30	Jing Zhong, Hongjuan Wu ,Yushu Lai	Intrusion Detection Using Evolving Fuzzy Classifiers
42	Li He	A Web Services Composing Method Based on Service Unit Chain
44	Abul Hasanat Muhammad Jahanur rahman	VERSATILE GATE FOR ARTIFICIAL NEURAL NETWORK CIRCUIT
58	Zhiyuan WAN,Bo ZHOU	Effective Code Coverage in Compositional Systematic Dynamic Testing
59	Yao Min-feng, Li Xin-guang, Lin Jiang-hao,Yang Si-zhe	A New Approach to Pronunciation Assessment of English Sentences
60	Jingmei Zhang, Guangzhou Zeng , Jingxiang Zhang	Quantitative evaluation of writing styles based on text analysis: methods and case study
65	Yuan Zhang,Qiuliang Xu,Zhe Liu	A new non-interactive deniable authentication protocol based on generalized ElGamal signature scheme
68	Chih-Ming Hsu	Forecasting Stock/futures Prices by Using Neural Networks with Feature Selection
70	Yin Biao	Abnormal Event Detection Based on IPZM

75	Tian Zhihong ,Ye Jianwei,Wang Bailing,Liu Feng	A Security BLP Model Used in Classified Protection System
76	Xiaodong Wang,Jun Tian	An Algorithm for Constructing Accurate Implication Sets
83	D. B. Huang,W. Zhang	Study on investment decision-making in software development project
86	Henrique Pacheco, Gabriella A. B. Barros, Roberta Vilhena Vieira Lopes,Manoel Lopes	An Evolutionary System for the Construction of the Taxonomy of Living Organisms
88	Xiaohu Nie, Shunying Zhu, Hong Wang, Bing Liu,Quan Min	Study on the Feasible Traffic Operation Scheme of Expressway Reconstruction and Extension Project
89	I-Hui Hwang,Chun-Chieh Yu,Shang-Jiun Tsai,Chih-Hsiang Lin	An Empirical Study on the Factors Affecting Continuous Usage Intention of Double Reinforcement Interactive E-Portfolio Learning System
90	Wei ZHANG,Ye DENG,Ranran DU,Qiuhong Wang	Extract Deep Web-detail Pages with Simple Tree Match
93	Qing Tang, Shunying Zhu, Hong Wang, Bing Liu	Selection of Detouring Vehicles for Traffic Organization in Reconstruction and Expansion Project of Freeway
94	Haiguang Fang, Hongyun Wang,Ronghuai Huang	A Roadmap of System Environment to Ubiquitous Learning and Its Application Patterns
95	Lin Yanping, Li Rui, Xu Zhengquan, Guo Rui	A Dynamic Method for Metadata Partitioning Based on Intensive Access of Spatial Data
100	Wang Gaopeng	The Prediction Model of Silicon Content in Hot Metal based on LS-SVR Optimized by Estimation Distributed Algorithm
109	Gang WANG, Jiliu ZHOU, Zhuzhong YANG ,Xingchun YANG	Application of Fractional-order Differentials in Enhancing Vestige Images of Crime Scene
112	Weining Liu , Tao Fan	Live Migration of Virtual Machine Based on Rcovering System and CPU Scheduling
116	Min Xia , Fanrang Kong, Fei Hu	An Approach For Bearing Fault Diagnosis Based On PCA and Multiple Classifier Fusion
124	Manssour A. Abdulsalam Bin Miskeen , Riza Atiq Abdullah Bin O.K. Rahmat	DEVELOPMENT OF DISAGGREGATE MODE CHOICE MODELS OF INTERCITY TRAVEL IN LIBYA
127	Shenglong Ding , Yiming Zhao , Han Zhu	Extending Fuzzy Identity-Based Encryption with Delegating Capabilities
130	Weitao Xu , Yang Xu	α -Generalized Linear Resolution Method Based on

		Lattice-Valued First-Order Logic System
132	Zhuang Yixin , Xiong Yueshan , Liu Fayao	IFS fractal morphing based on coarse convex-hull
133	Xiaojuan Chen , Songhan Li , Jisheng Sui	Research of Automatic Meter Reading System Based on PFC and GPRS
143	Xu Guangdong, Ren Licheng , Xu Xiangling	A Study on the Impact of Teachers' Teaching Quality to Students' Academic Performance:A Study Using Hierarchical Linear Models
144	Zhu Xinjuan ,Huang Junfang, Zhou Qianming	Apparel Image Matting and Applications in E-Commerce
149	Cleonábula M. M. Neves,Vitor R. M. Silva, Gabriella A. B. Barros, Roberta V. V. Lopes	A Variation of the Genetic Algorithm of Holland to Support Analysis of Balance Sheet and Income Statement for the Fiscal Year
151	Kehua Su, Hongbo Fu, Jie Li, Dengyi Zhang	Software Rejuvenation in Virtualization Environment
153	Lv Hua-bing, Zhu Shun-ying, Wang Hong,Hu Yan-jie	Study on the Road Speed Limit Value of Expressway Reconstruction and Expansion
157	Rui Li, Xin Meia,JunYi Liu	New Method of Remote Sensing Image Classification Based on Ant Colony
161	Liu peng, Li ping, Liu an cai ,Mao yue yi	Design and Implementation of Safety Monitoring and Warning System of Toxic and Flammable Gas for Municipal Sewer Pipe Based on Nios-II and GPRS
165	Wei Liu	An Automatic Approach to Extracting Review Link from Chinese News Pages
173	Yuting Su, Weizhi Nie , Chengqian Zhang	A Frame Tampering Detection Algorithm for MPEG videos
178	Li Ping,Tao Xia-xin,Wang Xin-zheng	Internet information aided disaster assessment of great earthquake
179	Yao Fu-guang,Zhong Xian-xin	An Improved QDPSO Training Hypersphere One Class Support Vector Machine
180	Na Tang, Zhang De-Jiang	Construction and Application of Improved Grey Neural Network Model based on Genetic Algorithm
181	Nadia Mesghouni,Moncef Temanni	Unsupervised Double local weighting for feature selection
183	Tan Xian,Li Fang	Minority opinions abstraction
185	Chengcheng Li	Multi-institutional Professional Social Network for Rapid Course Development

Venue :Jade Function Room B (一楼翡翠厅B)

SESSION – ITAIC2011– 02

Session Chair:Prof. Maonian Wu

Time: 13:30 – 17:30

Id	Author	Title
188	Maonian Wu	Priority and Relevance in Belief Revision
191	Xiangwu Ding,Wenbing Yu, Jiajin Le	An Adaptive Projection Strategy and Its Implementation in Column Stores
196	Tu Yan, Zhang Ning, Wang Tianmei,Sun Baowen	Enterprises Hi-tech Transfer Mechanisms in E-Commerce Environment
197	Jianjun Song ,Zhiqiang Hou ,Wangsheng Yu	A New Image Binary Segmentation Algorithm based on Frequency Domain
199	Yifeng Ren, Jing Zhou	Comparative study on two types of nonlinear controller which based on extended state observer
201	Nicolas Jouandeau,Zhi Yan	Improved Trade-based Multi-robot Coordination
A129	Li Shigui, Li Xiaoping, Li Qian, Liu Jingcheng, Chen Chongguo	THE APPLICATION OF MATHS THINKING METHODS IN OPTIMIZING SOFT SKILLS DEVELOPMENT PROJECTS
A133	Tianfu Yuan	The embedded alarm system based on the Public Switch Telephone Network
A139	Liu Fengwei,Zhu Yin	Corporate Loss Recognition Timeliness and Micro-profit Reporting Tendency
A143	ZHU Bing-li,Xiong Jiang,Tan Xiao-ling	Comprehensive Applying Watershed Algorithm in Segmentation of CT Brain Images
A145	ZHANG Zhigang, LIU hao, NIU Shuangxia, MO Jiansong	Information Security Requirements and Challenges in Smart Grid
A156	YU YANG	HANDWRITTEN ICELANDIC CHARACTER RECOGNITION BASED ON ARTIFICIAL IMMUNE SYSTEM
A169	Xiang Chaochun	Research on knowledge community of educator of primary and secondary school based on network
A170	Hu Ning Xu Bing	The Research and Analysis of Security of Campus Network
A172	Lei Guoping, Xie Xiaowei,Dai Minlu,Tan Zefu,Xie Hong	The Application of Finite Automata in CMMB Data-Demultiplex Error Handling
A185	Cao Yue, Lu Xiang	The National Pattern Design Which Based on the Computer-fractal
A185-2	Cao Yue, Lu Xiang	The National Pattern Design Which Based on the Computer-fractal

A187	DU Huanchao, FANG Jianqing, LI hongjun, MA chao, CUI kaihua	Study of BP Neural Network's Weights Based on Acoustic Resonance Spectroscopy
A191	Weining Liu, Jiamei Su	A Solution of Dynamic Manufacturing Resource Aggregation in CPS
A192	Liangjun Li, Yuanyuan Che, Hongliang Zhang, Tienan Li, Ming Yang	KNN Text Categorization Algorithm Based On LSA Reduce Dimensionality
A196	Songyan Zhang	Application of Case study in Econometrics Course
A198	Wang Jianrong	On Translation of Chinese Relic Culture---- from the Perspective of Intercultural Communication
A199	Zhen Qin, Wei Zhang	An Extensive Unification of Lambda Calculus and Reinforcement Learning
A203	Yuxue Sun, Chang Xiao, Yinsheng Lang	Predicating Reservoir Sensitivity Rapidly With Single -Correlation Analysis And Mutiple Regression
A205	Wang Jiyong, Song Shijun, Qiao Caifeng, Song Lian'yu	The Study on Inclination Feature Model of Tower Crane Under the Condition of Severe Overload
A207	Hu Yanrong, Liao Zineng	Computer Curriculum Teaching Research Based on Information Ecology Theory University
A209	Jie Qiu, Tian Zhihong, Ye Jianwei, Tang Shuofei	Design, Implementation and Optimization of Network Access Control System based on Routing Diffusion
A211	Wang yufa , Yuan jianle	On the construction of internal control evaluation system in enterprise
A219	Zhang Hongwei, Yang Zhenyu, Zou Shurong	Multi-objective Supervised Clustering GA and Microthermal Climate Forecast
A230	Xiaoping Li, Hongjian Dong, Xiaobing Wu, Yinxiang Li, Zhenghong Wang	Research on The Key issue of The Process of The Subjective Items Judging
A241	Li Huijuan, Li Yuqian, Zhao Guoping	Demonstration the Application of Activity-Based Costing to ERP Management System
A244	Zhang Shiyu, Ma Liyi, He Qin	Entropy based Sensitive Factor Defining in Data Analysis
A246	LI Jian, WANG Zhijin	The Urban-rural Information Divide in China
A252	Gao Xiaoli, Zhang Shuliang, Sheng Yehua, Lv Guonian	Design and Implementation of GML Parser Based on Grammatical and Semantic Database
A253	Songmei Zhang, Shan Yao, Xin'en Ye, Chunhe Xia	A Network Security Situation Analysis Framework Based on Information Fusion
A255	Najmeh Akbarpour, Majid Aboutalebi, Aliasghar Ahmadikatouli	SBPMN+: A new approach to business process modeling

A260	MAI Fan-jin,GAN Guo-qing	Research of Knowledge Reduction Based on Rough Set and Attribute Union of Semantic Web
A271	XiuHong Zhang, Yong Lin	The application of pesticide usage GIS system base on web service
A275	Du Qiu, Su Xisheng,Xu Zijun	Research on a Self-adaptive Prediction Model of Logistics Requirement Based on Kalman Filter
A283	Luo Dan	Contrast in the application of computer design logo
A287	Fentiani, Ahmed Yasser, Nurdjaja, Fridh Zurriyadi Ridwan	Using IT Tool to Manage Expert Knowledge
A294	Claudiu Ionut Popirlan	A solution based on intelligent software agents to improve the data searching in the contact centers
A297	S.Saini, P.W.H.Chung ,C. W.Dawson	Mimicking Human Strategies in Fighting Games using a Data Driven Finite State Machine
A303	Xiujun Wu	On Evaluation of Coordination Development: A Case Study
A305	Longyan Luo,Yong Wang	Status and Development Strategies of Chinese Travel Search Engines
A308	Jianhua Zhang,Zhe Zhang	Improved Ant Colony Algorithm and Application for Vehicle Routing Problem
A310	Liu Yang	Developing Strategies of University Journals with the Perspective of Newspaper and Journal Reform in China
A315	Lu Lou, Xin Xu,Juan Cao,Zhili Chen,Yi Xu	Sensor Fusion-Based Attitude Estimation Using Low-Cost MEMS-IMU for Mobile Robot Navigation
A316	Zhanfei Zuo	Common fixed point theorems for a family multivalued mapping in Banach spaces
A323	Jinfang Shi,Yong Cai	A Novel Image Enhancement Method Using Local Gamma Correction with Three-level Thresholding
A333	SHEN Jinxing	Ontology-based semantic Information Retrieval for Enterprise Management Information System

Evening, August 20, 2011 (**Saturday**)

Time	Activity	Location
18:00-20:00	Welcome Banquet (欢迎晚宴)	Taipans Chinese Restaurang (四楼大丰堂中餐厅)

August 21, 2011 (Sunday)

Chongqing One Day Tour (Free of Charge)



Chongqing Wanyou Conifer hotel

(重庆万友康年大酒店)

Chongqing Wanyou Conifer hotel is an international 4-star business & conference hotel managed by Conifer Hotel and Resort Management Ltd, the top 10 international Hotel Management Group in China. Wanyou Conifer Hotel Situated at Yuzhong District, near high-tech Zone and Olympics Center. With convenient transportation, it only takes 40 minutes to Jiangbei Airport, 10 minutes to Chongqing railway station and 15 minutes to Chaotianmen Wharf.

Wanyou Conifer Hotel has 302 various guest rooms and suites, equipped with 3 different style restaurants, the Taipans Chinese Restaurant, the Village Western Restaurant and the Waga Japanese Restaurant. The hotel has complete equipment and facilities such as fitness center, sauna, constant temperature swimming pool and etc.

With the capacity of 600 person and Simultaneous Interpretation System and Videoconference System, Wanyou International Convention Hall has been the largest and most advanced convention center among 4-star Hotels in Chongqing.

The hotel has good hardware environment and mature services system for long staying guest and also has successfully contracted many Japanese guests from famous international corporations as long staying guest. Up to now, Wanyou Conifer hotel has got the largest portion in Japanese long staying guest market in Chongqing. Wanyou Conifer Hotel, the first choice for Japanese visitors.

Address: 77 Changjiang 2nd Road,Daping,Chongqing China

Post: 400042

Tel: 86-23-68718888

Fax: 86-23-68713333

Website: www.wanyouhotel.com



For participants who are not from China, please print out the following information to find the Conference Venue (Wanyou Conifer hotel Chongqing)

请送我到

重庆市渝中区大坪长江二路 77 号 重庆万友康年大酒店

Conference Secretariat Contact:

JICSIT 2011: jicsit2011@gmail.com

ITAIC 2011: itaic2011@gmail.com

Tel: 13983506116 (中文咨询 徐老师)

+86-15923412430 (International Mr. Zhao)