

# Proceedings

The 2009 International Symposium on  
Web Information Systems and Applications  
(WISA 2009)

**22 – 24, May 2009**

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Fei Yu

Jiexian Zeng

Guangxue Yue

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# Table of Contents

Message from the Symposium Chairs .....	x
Organizing Committee .....	xi
Program Committee Members.....	xii
E-Business Model Design and Implementation in Supply-Chain Integration.....	1
<i>Ming-Chang lee,Mei-Wen Han</i>	
Research on the Enterprise Crisis Management System Basic on Knowledge Demand.....	5
<i>Zhihong Li,Haiyan Wang</i>	
Tutor Support Evaluation of Online Co-Learning System via Learning Action Analysis.....	10
<i>Bin Xu</i>	
A Secure Chameleon Hash Function without Key Exposure from Pairings.....	15
<i>Jianhong Zhang, Hua Chen, and Qin Geng</i>	
Research on the Construction Method of Emergency Plan Ontology Based-on OWL .....	19
<i>XU Ru-zhi, DAI Xiao-liang, YANG Feng, LIN Pei-guang</i>	
The Impacts of Online Word-of-mouth on Consumer's Buying Intention on Apparel: An Empirical Study .....	24
<i>Ji Xiaofen,Zhang Yiling</i>	
Improved Memory-based Collaborative Filtering Using Entropy-based Similarity Measures .....	29
<i>Hyeong-Joon Kwon,Tae-Hoon Lee,Kwang-Seok Hong</i>	
Competitive Advantage Evaluation of Real Estate Industry Based on Principal Component Analysis: An Illustrative Example from China .....	35
<i>Shufang Li</i>	
Research on Implementation Path and Strategies of Enterprise's Mobile Informatization.....	41
<i>Chengyi Le, Ruiqing Zhang</i>	
On-line Payment and Security of E-commerce .....	46
<i>Jing Yang</i>	
The PKI authentication system with the integration of Biometric identification and non-symmetric key technology .....	51
<i>LIU Shan</i>	
Choosing Credit Risk Index for Listed Companies Based on Grey Clustering Method.....	56
<i>Lei Hua,Zhigang Song,Ying Li</i>	
Application Study of E-commerce on Chinese SMEs.....	60
<i>Longyi Li,Lihua Tao</i>	
Using Niche Genetic Algorithm to Find Fuzzy Rules .....	64
<i>Yan Li</i>	
Highly Accurate Distributed Classification of Web Documents.....	68
<i>JingKuan Song, Hui Gao, LianLi Gao,Yan Fu</i>	
A Novel Distributed Intrusion Detection Model Based on Immune Mobile Agent.....	72
<i>Yongzhong Li,Rushan Wang,Jing Xu</i>	
Urban Planning Management Information System based on GIS .....	76
<i>Hualong Zhao</i>	

An Effective Approach for Remote Attestation in Trusted Computing .....	80
<i>Xin Huang, Yuxing Peng</i>	
A CP Intrusion Detection Strategy on Cloud Computing .....	84
<i>Yizhang Guan, Jianghong Bao</i>	
A Variable bit Rate Lattice Vector Quantization Method for Audio Coding .....	88
<i>Bo Hang, Lei Yuan, Zhao Wu</i>	
Oblivious Infinite Derivable Function Evaluation and Its Application .....	92
<i>Pang Shuting, Tang Chunming, Hao Zhifeng</i>	
Research and Design of Web Data Mining in Personalized E-Business.....	96
<i>Yun Xue, Jianbin Chen</i>	
The Research on Hybrid Shunt Active Power Filter.....	100
<i>Zhong Tingjian, Fan Youping, Xie Youhui</i>	
A Digital Watermarking Algorithm Based On DCT and DWT .....	104
<i>Mei Jiansheng, Li Sukang, Tan Xiaomei</i>	
Real Estate Decision Support System Of Market Comparison Approach Based On GIS .....	108
<i>Xiaosheng Liu, Hengkai Li, Yanpeng Li</i>	
Research and Implementation of E-commerce Platform Based on .NET Framework .....	112
<i>Huang Longjun, Zhou Caiying, Dai Liping, Huang Minghe</i>	
A Contingency Plans Generation System for Urban Storm Surge Disaster Based on Optimization.....	116
<i>Hongchun Yuan, Guohua Li, Ying Chen, Dongmei Huang, and Cheng Su</i>	
Study on the application layer security in E-Commerce websites.....	120
<i>Zhenlong Li, Wenping Guo, Xiaoming Zhao</i>	
A WebGIS Framework for Vector Geospatial Data Sharing Based on Open Source Projects.....	124
<i>Fang Yin, Min Feng</i>	
An Algorithm of Constructing Certificates Chain Based on the FriendshipPoint Group for P2P Network .....	128
<i>Wang Guoyin, Wang Yuhua</i>	
Research on Method of Concept Similarity Based on Ontology .....	132
<i>Xiquan Yang, Ye Zhang, Na Sun, Deran Kong</i>	
A Novel Risk Recognition Method in Web Services.....	136
<i>E Xu, Shao Liangshan, Sun Fuming, Cao Guanghui, Wu Hao</i>	
A Hash-based Hierarchical Algorithm for Massive Text Clustering .....	140
<i>Yin Luo, Yan Fu</i>	
MDESB:Model-driven Enterprise Service Bus .....	144
<i>ZHANG Ming-bao</i>	
The Application and Research of IDS model Based on Multi-technique Fusion .....	148
<i>Wang DongLiang, Wang Hongxin</i>	
Study on supply chain workflow based on grid.....	152
<i>Yansheng Zhang, Longyi Li</i>	
Study on Curve of Pe-heating Temperature Control in Selective Laser Sintering.....	156
<i>Xiao-fei LI, Junhui DONG</i>	
Study on The Considered Harmful Based on Internet QoS .....	159
<i>Qi Jun-qiao, Qi Yan-ming</i>	
Application of Decoupling 802.11 Mesh Networks from Cache Coherence in Lambda Calculus.....	163
<i>Qi Jun-qiao, Qi Yan-ming</i>	

Application Research on the Simulation of Context-Free .....	167
<i>Wang Chang-long, Li Jun, Yu Shuo</i>	
Application of NulChoir on the Emulating Replication and Superpages .....	171
<i>Wang Chang-long, Li Dong-ping, Yu Shuo</i>	
The Research on the exploration of Flip-Flop Gates .....	174
<i>Qi Yan-ming, Wang Chang-long</i>	
Design of Decoupling Control System with High Angle of Attack Based on PV Criterion .....	178
<i>Luo Xutao, Liang Xiaogeng, Jia Xiaohong, Jia Jie, Zhang Xiangyang, Zhao Ke</i>	
Study on Niches of Enterprises and Strategy in E-business Ecosystem .....	182
<i>Xianghui Zhu, Jing Zhang</i>	
Research on Fast Implementation of RSA with Java.....	186
<i>Guicheng Shen, Bingwu Liu, Xuefeng Zheng</i>	
Data Security Analysis of WebGIS Based on Tile-Map Technique.....	190
<i>Li Haiting, Peng Qingshan, Li Yanhong</i>	
Research and Application of a Web Data Validation Model Based on Asynchronous Communication.....	194
<i>Fangxiao Wang, Xiaoyi Zhang, Hao Yan</i>	
GPU-based Morphing Terrain Real-time Shadow Algorithm.....	198
<i>Wang Xiaojun, Zhai Haitao, Xia Jie, Cui Zhiming</i>	
Analysis on the Successful Strategies of Taobao's E-Commerce .....	202
<i>Yang Lixia, Liu Xun</i>	
Study on Balanced Scorecard of Commercial Bank in Performance Management System.....	206
<i>Yansheng Zhang, Longyi Li</i>	
Achieving robustness objectives within a supply chain by means of reliability allocation.....	210
<i>Yuanhong Liu, Benhong Peng</i>	
Oblivious Watermark System using Hybrid Error Correct Code.....	214
<i>C. M. Kung, Y. H. Yan, Y. C. Tu, C. H. Kung</i>	
Hierachically Categorized Performance Evaluation Criteria for Intelligent Surveillance System .....	218
<i>Ki-Yeol Eom, Tae-Ki Ahn, Gyu-Jin Kim, Gyu-Jin Jang, Jae-Young Jung, Moon-Hyun Kim</i>	
An Enhancement of QoS in Web Services .....	222
<i>Aziz Nasridinov, KyoungWook Kim, JeongYong Byun</i>	
Generating Small Combinatorial Test Suite via LP .....	226
<i>Lixin Wang, Renxia Wan, Mingjun Wang, Minghao Li</i>	
Irradiation Effect of Continuous Diode Laser on Locusts and Host Plants .....	230
<i>Mingyin Yao, Muhua Liu, Jinhui Zhao, Qiang Zhou</i>	
Analyzing The Influences of Aspect Weaving on Software System Behavior .....	234
<i>Chunhua Yang</i>	
Combining Perceptual Texture Features and Wavelet Features for Texture Image Classification .....	238
<i>Muwei Jian, Lei Liu, Cheng Yin, Lin Yuan</i>	
Spatial Object Based Virtual Conference Audio Reconstruction.....	242
<i>Bo Hang, Rui-Min Hu, Ye Ma</i>	
An Advisable Overbooking Strategy Leads to Enormous Financial Import.....	246
<i>Guomin Zhou</i>	
An Adaptive Architecture for Healthcare Systems .....	250
<i>Hongqiao Yang, Kecheng Liu, Renchu Gan</i>	

Original Data Analysis of Static GPS Online Observation Displacement .....	254
<i>LU Xin-hai, BIAN Fu-Ling, LI Yu-Juan</i>	
A Router-based Technique to Detect and Defend against Low-rate Denial of Service .....	257
<i>Zhu Lina, Zhu Dongzhao</i>	
A Identity Authentication Based on Fingerprint Identification.....	261
<i>Minwei He, Huimin Zhao</i>	
A Gray Programming Model for Bi-Level Distribution Network Designing in the Supply Chain .....	264
<i>Jin-fang Han, Zhi-yong Liu</i>	
Improved Shooting Algorithm Based on Zone and Tangential Arc in Robot Soccer .....	267
<i>Yang Guangying</i>	
Identifying WEB Public Sentiment of Opinions .....	270
<i>Hui Gao, Xu Chen, Yan Fu</i>	
Detection of Weld Line Defect for Oil-gas Pipeline Based on X-rays Image Processing .....	273
<i>Wu Xiaomeng</i>	
Design and Realization of the Levy on Contract Tax System Based on .Net Technology .....	276
<i>Shumin Zhou, Jianghui Fu, Xiaolu Liu</i>	
Method of Constructing Test Problems for a Class of Nonlinear Programming .....	279
<i>Longquan Yong</i>	
Study of Electrocardiograph Based on Improved Algorithm of Natural Gradient ICA.....	282
<i>Yang Jingwei</i>	
Research on Movement Modeling and Parameter identification of A precision locating System Driven by VCM .....	285
<i>Tian Hai, Zhang Wujun, Lu Bangjun</i>	
A Tourist Route Planning and Navigation System Based on LBS.....	288
<i>Yun feng Nie, Xiang Fu, Jie xian Zeng</i>	
A Novel Medical Infusion Monitoring System Based on ZigBee Wireless Sensor Network.....	291
<i>Wenju Yang, Lihua Sun</i>	
Improved Method of Packet Filtering.....	294
<i>zhongmin liu, Peiming Chen</i>	
Risk Assessment Model for E-commerce Security based on FCE .....	297
<i>Yao Youli, Liu Jie, Jia Quan</i>	
Research on E-Commerce Platform by PLC Network .....	300
<i>Jihua Ye, Mingwen Wang, Qinghong Yang, ChunLan Wang, Jianlian Li</i>	
Study on energy saving and security of Bluetooth sensor network .....	303
<i>Zhang Cuixia, Wu Jiixin</i>	
The Study of E-Commerce System Integration Based on PDM.....	306
<i>Liu Xun, Yang Lixia</i>	
Research on Design of a Query System of Weather Information in a Mobile Telephone Based on MIDP.....	309
<i>Jinbiao Hou</i>	
Transaction Data Association Analysis in Business Intelligence Application .....	312
<i>Du Ping, Wang Xiaoyan</i>	
Research on Intelligent Decision Oriented Architecture of Data Mining .....	315
<i>He YueShun, Ding QiuLin</i>	
Fault Mode Analyze of Power System Based on Data Mining.....	318

<i>He YueShun, Ding QiuLin</i>	
Design of Intelligent Home Gateway Based on MySQLite.....	321
<i>CHEN Yiming, WU Lianghai</i>	
Based on DSP and ARM Independent Binuclear Structure River Sediment Image System Design and Realization .....	324
<i>Ying Xiao, Yong Liu, Xuange Peng</i>	
A Two-Stage Spectrum Sensing Technique in Cognitive Radio Systems Based on Combining Energy Detection and One-Order Cyclostationary Feature Detection.....	327
<i>Wenjing Yue, Baoyu Zheng</i>	
A Routing Architecture for Next Generation Multimedia Networks.....	331
<i>YUAN Xiwu</i>	
Research of Data Mining in Government Transparent Decision-making.....	335
<i>Guoshi Guan, Liuyang Zhou, and Pengcheng Tang</i>	
The existence of the weak solutions of the three-dimensional infiltration problem.....	339
<i>Fang Ping, Zhou Yu-Zhong, Song Rui-Feng and Zhang Xin</i>	
Research on Group Clients' Associated and monitoring Analyze .....	343
<i>Cheng Zhang, Xuxiang Chen, Jin Gao</i>	
Key Issues for Implementing Configuration Management.....	347
<i>Liu Ying, Xue Lijun, Su Wei</i>	
Adaptive Threshold Routing Algorithm with Load-balancing for Ad Hoc Networks.....	351
<i>Zhijing Xu, Kang Wang, Liu Qi</i>	
Study on the Influence Mechanism of Social Capital to Informal Knowledge Transfer among Individuals .....	355
<i>Zhihong Li, Tao Zhu</i>	
Reducing Boarding Time: Synthesis of Improved Genetic Algorithms .....	359
<i>Kang Wang, Lifan Ma</i>	
Research on Database Security of E-Commerce Based on Hybrid Encryption.....	363
<i>Jinbiao Hou</i>	
Multi-Model Sifting Methodology for Medium and Long Term Load Forecasting Based on Evaluation of Trend Comparability .....	367
<i>Dongxiao Niu, Lidong Duan, Zhihong Gu, Haitao Lv</i>	
The Appraisal and Analysis on Headship of State-owned Enterprises .....	371
<i>Li-hong Han</i>	
The Principle of Supply Chain Management in Real Estate Enterprise .....	375
<i>Zhumingqiang, Youqiyong</i>	
Broadcast Encryption Scheme and Its Implementation on Conditional Access System.....	379
<i>Yichun Zhang, Cheng Yang, Jianbo Liu, Jiayin Tian</i>	
A New Frequency Spectrum Estimation Method based on Neural Network Techniques.....	383
<i>Dong Liu, Ning Zhang, Hong Xia Liu, Yuan Cheng Zhu</i>	
Multiparty Controlled CSMA/CD Quantum Communication Scheme .....	387
<i>Binyang Zeng, Nanrun Zhou</i>	
Security solution of collaborative commerce chain system.....	391
<i>Fei Zhang</i>	
Research on Cleanness Method of Association Rules knowledge in E-Commerce knowledge Base .....	395
<i>Fu Cheng You, Yang Li</i>	

Multi-Role Aggregation Algorithm in Event Driven Wireless Sensor Networks .....	399
<i>Ying Chen, Jian Shu, Linlan Liu, Jiajie Gong</i>	
International Development Strategy for Chinese Farm Machinery Enterprises .....	404
<i>Zhu Beizhong</i>	
Applications of Evolutionary Computation in Web Information Filtering .....	409
<i>YiMing Liu, Min Yao</i>	
An eCommerce-Oriented Product Configuration Design System Based on Web .....	414
<i>Qing-Ke Yuan, Ming-Tian Zhang, Ya-Ping Shi</i>	
On Consumer Confidence in the Online Store .....	419
<i>Sun Lu</i>	
Research on a Data Ferrying Security Model for Portable Storage Device.....	424
<i>Tongyang Wang, Pengfei Yu, Xinfang Zhang, Junjun Wu</i>	
Research on the Reusability of Design Information for Leather Goods.....	429
<i>Peng Wen-li, Qin Zhong-bao, Zhang Wen-ni</i>	
Keyword-based Semantic Retrieval System using Location Information in a Mobile Environment .....	434
<i>Tae-Hoon Lee, Jung-Hyun Kim, Hyeong-Joon Kwon, Kwang-Seok Hong</i>	
The recognition of working condition for cement mill based on information fusion .....	439
<i>Hui Qian, Xiaohong Wang, Zhugang Yuan</i>	
A Random Selection Algorithm Implementing Load Balance for Anycast on Application-layer .....	444
<i>Zhiguo Zhou, Gaochao Xu, Chunyan Deng, Jinxin He, Jianhua Jiang</i>	
Self-adaptive Detection of Moving Vehicles in Traffic Video .....	449
<i>Zhai Hai-tao, Wu Jian, Xia Jie, Cui Zhi-ming</i>	
Chinese Enterprise to Survive Global Economic Crisis .....	454
<i>Xin-Juan Wang, Zhen-Fa Qi</i>	
Research on Construction of Information Ecological Model in E-commerce .....	459
<i>Wang xiwei, Zhao yunlong, Liu mingyan</i>	
Reinforcement Self-learning Fuzzy Neural Control of Three-axis Stabilized Spacecraft .....	465
<i>Jia Jie, Xie Yu, Zhang Xiangyang, Luo Xutao, Yong Yuanqin</i>	
Intelligent Resource Discovery Based on Web Service in Information Security Resource Grid .....	469
<i>Hu Ruo, Chen Chao Tian, Xie Zan Fu</i>	
Panel Data Model of Net Incomes and Customer Satisfaction.....	475
<i>Yong Li</i>	
Research on Knowledge Management System Based on NXD .....	478
<i>Wang Xueyuan, Yang Bo, Kuang Yin</i>	
Design of Voltage—Stabilizing Circuit of Temperature Sensor for RFID.....	481
<i>Wang Zhongbao, Li Shuyan, Pang Dan</i>	
Three-dimension visualization for primary wheat diseases based on simulation model .....	484
<i>Li Shijuan, Zhu Yeping</i>	
The Model and Simulation of Higher Education Cooperation in Bohai Bay Region Based on Multi-Agent System .....	488
<i>Zhang Liang, Zhao Hong, and Zhu Chunhong</i>	
Parallel Random Walk Algorithm's Application for Circuit Analysis .....	492
<i>Li Minghui, Guo Jun</i>	
Intelligent Algorithms Analysis and Judgments Based on Thermodynamics .....	496

<i>Ben-jun Guo, Dong-dong Chen, Jian Huang, Peng Wang</i>	
Research On Data Backup And Recovery Technology In SCADA System .....	500
<i>Li Xiao-lei, ZhaiYong, Xu Ru-zhi</i>	
Design of ATP (Auto Train Protection) Software Architecture Based on Hierarchical Component Model .....	504
<i>Xin Bao, Wei Dong, Yindong Ji, Xinya Sun</i>	
Grouping-Based Mechanism Driven by Reputation in P2P E-Commerce .....	510
<i>Liu Tang</i>	
Studies of the Circular Microstrip Antennas Based on the Dyadic Green Function.....	516
<i>Wu Gang, Zhang XiaoPing</i>	
The Study and Application of Tree-based RFID Complex Event Detection Algorithm.....	520
<i>Hongying LIU, Satoshi GOTO, Junhuai LI</i>	
Dynamic Mechanisms of Task-assignment for Virtual Enterprises Based on Multi-agent Theory .....	525
<i>Shen Chenglin, Zhang Xinxin</i>	
The Processing of Electromyography Signal Based on Wavelet Neural Network .....	529
<i>Chen Xinben, Yang Guangying</i>	
Student Acceptance of Web-based Learning System.....	533
<i>Din Jong, Tzong-Song Wang</i>	
Simulation of Over-voltages Caused by Lightning Intruding Waves in Distribution System of Substation .....	537
<i>Wang Jun-liang, Li Xiao-yong</i>	
Gas conductive sensor technology and application .....	541
<i>You Ke, Chang Minhui</i>	
Analysis of Chinese IT industry Convergence Based on the Perspective of Game Theory .....	544
<i>Wei Nana, Zhao Hong</i>	
Construction of Provincial Unified E-commerce Information Platform .....	548
<i>Cuixiang Zhong, Minghe Huang</i>	
Author Index.....	552

# Message from the Symposium Chairs

The web has become a colossal repository for information and services, thus representing the ideal platform for forming computational grids that support resource sharing and coordinated problem solving across heterogeneous and geographically dispersed systems. In order to realize this grand vision, the computation resources, information, and services available on the web has to be described, i.e., semantically annotated in a machine-understandable format that allows the automated discovery and composition of these components.

The 2009 International Symposium on Web Information Systems and Applications (WISA 2009) as part of the 2009 International Symposium on Electronic Commerce Security (ISECS 2009). WISA 2009 is sponsored by Nanchang HangKong University, China, Peoples' Friendship University of Russia, Russia, Nanchang University, China, Jiangxi Normal University, China, Wuhan University, China, National Chung Hsing University, Taiwan, Institute of Software, Chinese Academy of Sciences, Sichuan University, China, Jiaying University, China. It is also Technical Co-Sponsor IEEE, IEEE Computer Society, and IEEE Computer Society Technical Council on E-Commerce. Much work went into preparing a program of high quality. The conference received 287 paper submissions from 19 countries and regions, of which 136 were selected for presentation after a rigorous review process. From these 136 research papers, through two rounds of reviewing, the guest editors selected six as the best papers will be published by the Journal of Computers.

The goal of WISA 2009 is to bring together researchers and practitioners from academia, industry, and government to exchange their research ideas and results, and to discuss the state of the art in the areas of the Security for electronic commerce. Participants of the Symposium will hear from renowned keynote speakers including: Academician, China Academy of Engineering Prof. Guangnan Ni, Institute of Computing Technology, Chinese Academy of Sciences, China, IEEE & IET Fellow Prof. Chin-Chen Chang from National Chung Hsing University, Taiwan, IEEE Fellow Prof. Jen-Yao Chung, Senior Manager, Industry Technology and Solutions, IBM, USA, IEEE Fellow Prof. Ben M. Chen from National University of Singapore, Singapore, and Chair of IEEE Shandong Section Prof. Dongfen Yuan at Shandong University, China.

We are particularly grateful to Chin-Chen Chang, Jen-Yao Chung, Ben M. Chen, Guangnan Ni, and Dongfen Yuan for accepting our invitation to deliver invited talks at this year's conference. We wish to thank the Nanchang HangKong University, China for providing the venue to host the conference. In particular, we would like to acknowledge Faculty of Computing, Nanchang HangKong University, China, who has worked throughout the year in preparation for this conference. We wish to express our deepest thanks to the members of the Program Committee, who gave their personal free time to perform the often thankless job of reviewing many papers under extremely short deadlines, and to the volunteers and local assistants who made this program a success.

We wish each of you successful deliberations, stimulating discussions, building new friendships and most important of all enjoy your visit to Nanchang, China. We are looking forward to seeing all of you next year at the WISA 2010.

**Fei Yu, Jiexian Zeng, Guangxue Yue**

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Prof. Alfredo Tirado-Ramos, *University of Amsterdam, Holland*  
Prof. Mingwen Wang, *Jiangxi Normal University, China*  
Prof. Mingyan Wang, *Nanchang University, China*  
Prof. Xiaoli Wang, *Tongji University, China*  
Prof. Tzong-Chen Wu, *National Taiwan University of Science and Technology, Taiwan*  
Prof. Chen Xu, *Hunan University, China*  
Prof. Huan Yu, *Nanchang HangKong University, China*  
Prof. Guangxue Yue, *Jiaying University, China*  
Prof. Jiexian Zeng, *Nanchang HangKong University, China*  
Prof. Golodova Zhan Na, *Peoples' Friendship University of Russia, Russia*  
Prof. Dengyi Zhang, *Wuhan University, China*  
Prof. Jun Zhang, *Guangdong University of Business Studies, China*  
Prof. Weidong Zhao, *Fudan University, China*  
Prof. Farong Zhong, *Zhejiang Normal University, China*  
Prof. Jiliu Zhou, *Sichuan University, China*  
Prof. Qihai Zhou, *Southwestern University of Finance and Economics, China*  
Prof. Min Zhu, *Nanjing University, China*