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Part I ICIECS2010 Conference Schedule

Friday, 24 December, 2010

9:00-19:00	Registration	Lake View Garden Hotel
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Saturday Morning, 25 December, 2010

Time	Activity	Location
8:45-9:00	Opening Ceremony	
9:00-9:40	Keynote Speech: Computational Intelligent Brain Computer Interaction and Its Applications on Driving Cognition Speaker: IEEE Fellow, Prof. Lin Chin-Teng (National Chiao-Tung University, Taiwan)	
9:40-10:20	Keynote Speech: System Analysis and Approaches to the Cold Chain Logistics Management Speaker: Prof. Zhang Qingying (Wuhan University of Technology, China)	Conference Room No. 1
10:20-10:30	<i>Coffee Break</i>	
10:30-11:10	Keynote Speech: The Fundation, Landscape, and Grand Challenges Computing Speaker: Prof. Matthew He (Nova Southeastern University, USA)	
11:10-11:50	Keynote Speech: Cooperation in the Low Power Regime for the MAC Using Multiplexed Rateless Codes Speaker: IEEE Fellow, Prof. Zixiang Xiong (Texas A&M University, USA)	

Saturday Noon, 25 December, 2010

12:00-13:30	Launch Buffet	SUNNY SKY-艳阳天酒家旅店光谷店
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Saturday Afternoon, 25 December, 2010

Time	Activity (Coffee Break 15:50-16:10)	Location
14:00-18:30	Oral session1	Conference Room No.3
14:00-18:30	Oral session2	Conference Room No.4

Saturday Evening, 25 December, 2010

18:30-20:00	Welcome Banquet	SUNNY SKY-艳阳天酒家旅店光谷店
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Sunday, 26 December, 2010

Time	Activity	Location
8:30-17:00	One-day Tour in Wuhan	Wuhan

Part II Keynote Speeches

Keynote Speech: Computational Intelligent Brain Computer Interaction and Its Applications on Driving Cognition

Speaker: Prof., IEEE Fellow, Lin Chin-Teng (National Chiao-Tung University, Taiwan)

Time: 9:00-9:40, 25 December, 2010

Location: Lake View Garden Hotel - Conference Room No. 1



Abstract—Human cognitive functions such as perception, attention, memory and decision making are omnipresent in our daily life activities. For instance, driving is one of the most common attention-demanding tasks in our daily routine. Driver’s fatigue, drowsiness, distraction or motion sickness is reported as the some of major causal factors in many traffic accidents. When drivers lost their attention, they had appreciably reduced (or diminished) the perception, recognition and vehicle control abilities. Based on these causalities, how to effectively prevent and enhance the human cognitive functions has become a very important issue. Recently, many investigators had developed novel algorithms based on computational intelligence (CI) technologies such as Fuzzy Logic and Fuzzy Neural Systems to monitor, maintain, or track the human operating performance. In this lecture, we briefly introduce the fundamental physiological changes of the human cognitive functions in driving first and then explain how to utilize these main findings to develop the monitoring and feedback systems based on Fuzzy logic and Fuzzy Neural technologies in the following two topics: (1) EEG-based cognitive state monitoring and prediction by using the self-constructing fuzzy neural systems; and (2) Spatial and temporal physiological changes and estimation of motion sickness. These research advancements can provide us new insights into the understanding of complex cognitive functions and lead to novel application enhancing our productivity and performance in face of real-world complications.

Biography

Dr. Chin-Teng Lin received the B.S. degree from National Chiao-Tung University (NCTU), Taiwan in 1986, and the Master and Ph.D. degree in electrical engineering from Purdue University, USA in 1989 and 1992, respectively. He is currently the Provost, Chair Professor of Electrical and

Computer Engineering, and Director of Brain Research Center, National Chiao Tung University. Dr. Lin was elevated to be an IEEE Fellow for his contributions to biologically inspired information systems in 2005. He served on the Board of Governors at IEEE Circuits and Systems (CAS) Society in 2005-2008, IEEE Systems, Man, Cybernetics (SMC) Society in 2003-2005, IEEE Computational Intelligence Society in 2008-2010, Chair of IEEE Taipei Section in 2009-2010. Dr. Lin was the Distinguished Lecturer of IEEE CAS Society from 2003 to 2005. He served as the Deputy Editor-in-Chief of IEEE Transactions on Circuits and Systems-II in 2006-2008 and will serve as the Editor-in-Chief of IEEE Transactions on Fuzzy Systems in 2011-2016. Dr. Lin was the Program Chair of IEEE International Conference on Systems, Man, and Cybernetics in 2005. Dr. Lin is the coauthor of Neural Fuzzy Systems (Prentice-Hall), and the author of Neural Fuzzy Control Systems with Structure and Parameter Learning (World Scientific). He has published more than 120 journal papers in the areas of neural networks, fuzzy systems, multimedia hardware/software, and cognitive neuro-engineering, including approximately 78 IEEE journal papers.

Dr. Lin is a member of Tau Beta Pi, Eta Kappa Nu, and Phi Kappa Phi honorary societies. He has been the member of Board of Government (BoG) of Asia Pacific Neural Network Assembly (APNNA) since 2000; and the Council member of International Fuzzy System Association (IFSA) since 2000. Dr. Lin was the President of APNNA for 2004-2005. He has won the Outstanding Research Award granted by National Science Council (NSC), Taiwan, since 1997 to present, the Outstanding Electrical Engineering Professor Award granted by the Chinese Institute of Electrical Engineering (CIEE) in 1997, the Outstanding Engineering Professor Award granted by the Chinese Institute of Engineering (CIE) in 2000, and the 2002 Taiwan Outstanding Information-Technology Expert Award. Dr. Lin was also elected to be one of the 38th Ten Outstanding Rising Stars in Taiwan (2000). The main axis in Dr. Lin's research career is to pursue for the biological-inspired intelligent systems, including algorithm development and system design. The research interests cover the basic circuitry level, to signal and information level, and to the system level, either from the biological or engineering point of views. The short-term target system is brain machine interface and the long-term goal is on brain-like intelligent system.

Keynote Speech: System Analysis and Approaches to the Cold Chain Logistics Management

Speaker: Prof., Zhang Qingying (Wuhan University of Technology, China)

Time: 9:40-10:20, 25 December, 2010

Location: Lake View Garden Hotel - Conference Room No. 1



Abstract—Cold chain logistics Management is typically system engineering which profoundly relates to people’s health and life quality and the public stability. Drawing the concept of total quality management, including 5M1E motives, PDCA cycles, into the system analysis of the cold chain logistics, applying the advanced technological approaches, such as tracing, information, and communication in the system, as well as completing and perfecting cold chain management criterion, are identified to be available to ensure an effective and efficient operation of the cold chain logistics system.

Biography

Dr. Zhang Qingying, Professor in College of Logistics Engineering, Wuhan University of Technology. A Senior Member of Chinese Mechanical Engineering Society, also a Senior Member of Chinese Management Science Society. Stayed in Sweden as a Guest Professor in department of production engineering, Royal Institute of Technology (KTH) for one year, and been the honorary professor of KTH. She has published 6 books and more than 50 papers.

Keynote speech: The Foundation, Landscape, and Grand Challenges Computing

Speaker: Prof., Matthew He (Nova Southeastern University, USA)

Time: 10:30 -11:10, 25 December, 2010

Location: Lake View Garden Hotel - Conference Room No. 1



Abstract- Historically, computing as a discipline was described as being at the intersection of mathematical, engineering, and empirical/scientific traditions. In recent scientific and technological advances, physical and biological, ecological and environmental, social and behavioral, cognitive sciences, engineering, and other emerging sciences, engineering and information technologies share a common need for efficient algorithms, system software, information systems and architecture, and efficient computing solutions to address large computational and interdisciplinary problems. Many boundaries among science, engineering and social systems are cross-linked in the face of combinations of knowledge and tools as demonstrated in the areas of computational mathematics, scientific computing, network computing, cloud computing, bio-molecular computing, quantum computing, soft computing, most recently perceptual computing. It is the time when the physical, biological and social sciences are joining forces with information computing sciences. It is the time when we will make extraordinary advances in the history of mankind through the field of computing. This talk covers the key elements of computing foundation, current development and landscape of computing, and grand challenges in computing research and its applications.

Bibliography

Matthew He, Ph.D., is Full Professor and Director of the Division of Math, Science, and Technology of Nova Southeastern University, Florida, USA. He is Full Professor and Grand Ph.D. from the World Information Distributed University in 2004. He has been awarded as an academician of European Academy of Informatization since 2004. He received the World Academy of Sciences Achievement Award in recognition of his research contributions in the field of computing in 2003.

Matthew He received his Ph. D. in Mathematics from University of South Florida in 1991. He was a research associate at the Department of Mathematics and Theoretical Physics, Cambridge University, Cambridge, England in 1986 and at the Department of Mathematics, Eidgenossische Technische Hochschule, Zurich, Switzerland in 1987. He was also a visiting professor at National Key Research Lab of Computational Mathematics of Chinese Science of Academy and University of Rome, Italy in 1998.

Dr. Matthew He has authored/edited 8 books and published over 100 research papers in the areas

of mathematics, bioinformatics, computer vision, information theory, mathematics and engineering techniques in medical and biological sciences. He is an editor of International Journal of Software Science and Computational Intelligence, International Journal of Cognitive Informatics and Natural Intelligence, International Journal of Biological Systems, and International Journal of Integrative Biology. He is an invited series editor of Biomedical and Life Sciences of Henry Stewart Talk “Using Bioinformatics in Exploration in Genetic Diversity”. He is a Chairman of International Society of Symmetry in Bioinformatics and a member of International Advisory Board of "International Symmetry Association (ISA). He is a member of American Mathematical Society (AMS), Association of Computing Machinery (ACM), IEEE Computer Society, World Association of Science Engineering (WASE), and International Advisory Board member of Bioinformatics Group of International Federation for Information Processing (IFIP). He was an international scientific committee co-chair of International Conference of Bioinformatics and its Applications (ICBA 2004), a general co-chair of International Conference of Bioinformatics Research and Applications (ISBRA 2009), and a keynote speaker of many international conferences in the areas of mathematics, bioinformatics, and information science and engineering.

Keynote speech: Cooperation in the Low Power Regime for the MAC Using Multiplexed Rateless Codes

Speaker: Prof., IEEE Fellow, Zixiang Xiong (Texas A&M University, USA)

Time: 11:10-11:50, 25 December, 2010

Location: Lake View Garden Hotel - Conference Room No. 1



Abstract

We consider cooperation in the low power/SNR regime for the multiple access channels with the assumption that the transmitters have no channel state information. A relevant performance measure to consider is therefore the outage capacity. We develop cooperation methods based on multiplexed coding in conjunction with rateless codes and find the achievable rates and in particular the minimum energy per bit required to achieve a certain outage probability. We consider two modes of operation: full duplex (code division multiplexing, CDM), where nodes can transmit and receive simultaneously on the same frequency, and half duplex (frequency division multiplexing or FDM), where the nodes transmit and listen on different frequency bands. We show that, perhaps surprisingly, there is little loss in performance when using FDM. Furthermore, our results show that multiplexed rateless codes come within 0.1 dB of the outer bound on capacity. We also develop practical rateless coding methods for FDM using multiplexed Raptor codes which operate within 0.52 and 1.1 dB of the theoretical limit for the two- and four-user case, respectively.

Biography

Zixiang Xiong received the Ph.D. degree in Electrical Engineering in 1996 from the University of Illinois at Urbana-Champaign. From 1995 to 1997, he was with Princeton University, first as a visiting student, then as a research associate. From 1997 to 1999, he was with the University of Hawaii. Since 1999, he has been with the Department of Electrical and Computer Engineering at Texas A&M University, where he is a professor. His research interests are network information theory, code designs and applications, networked multimedia and genomic signal processing.

Dr. Xiong received a National Science Foundation Career Award in 1999, an Army Research Office Young Investigator Award in 2000, and an Office of Naval Research Young Investigator Award in 2001. He also received the 2006 IEEE Signal Processing Magazine best paper award. He served as associate editor for the IEEE Trans. on Circuits and Systems for Video Technology (1999-2005), the IEEE Trans. on Image Processing (2002-2005), the IEEE Trans. on Signal Processing (2002-2006), and the IEEE Trans. on Systems, Man, and Cybernetics (part B) (2005-2009). He is currently an associate editor for the IEEE Trans. on Communications. He was the publications chair of ICASSP'07 and the technical program committee co-chair of ITW'07. He was also a tutorial presenter at ICASSP'05, VCIP'05, ICME'07 and Globecom'07.

Part III Oral Sessions

Oral Session 1

Chair: Prof. Wenbin Hu

Conference Room No.3

14:00-18:30, Saturday, 25 December, 2010

Paper ID	Title	Author
2240	A Parallel Feedback Carry Adder Based on Half Adder	Jiang Wenming
3811	Preliminary Results of Connected Object Segmentation using Gradient Direction	Yunyong Surut
2946	Closed Form Solution of Perspective 3-Point Problem (P3P) Based on Algebraic Resultant and SVD	Huaien Zeng
3336	Concept exploration research of warship based on iSIGHT	Hu Chunping
3506	K-means Sobel Algorithm in Edge Extracting of Mural Diseases	Miao-le Hou
2111	The study on GDI/GDI+ rendering function defects and how to avoid them	Qingyuan Li
2854	An Arc-length Constraint Method for Computing Invariant Manifold in Three Dimensional Non-autonomous Dynamical System	Meng Jia
3302	Vague Similarity Measure Based Application Research of Coconut Species Optimization	Jiang Jun
2921	The Comprehensive Information Emotion Theory—An Analysis on the Framework	Jiang Pu
3593	Off-line Chinese Handwriting Identification Based on Stroke Shape and Structure	Jun Tan
4349	Image Watermarking using Luminance Averaging and Adaptive Prediction from Nearby Pixels	Narong Mettripun
5392	Optimizing the Simulation Speed of QEMU and SystemC-based Virtual Platform	Tse-Chen Yeh
4766	Automated Seamline Detection in Orthophoto Mosaicking using Improved Snakes	Lin Wang
5017	Research of an automatic RF devices characteristic test bench for DC and scattering parameters measurement	Liu Ling

Oral Session 2

Chair: Dr. Wei Song

Conference Room No.4

14:00-18:30, Saturday, 25 December, 2010

Paper ID	Title	Author
4848	Java Teaching Based on BlueJ Platform	Bing Sun
3742	Molecular cloning and analysis of glutathione S-transferase gene of Schistosoma japonicum	Guijie Fang
5121	SVM-Based Visual Modeling System for Enhancing the flexibility of Interactive Runoff Forecasting	Mutao Huang
5232	Speaker Identification based on Weighted FSVQ	Deti Liu
5311	A Multiphase Image Classification Model Based on Level Set	Zhong-wei Li
4445	Overall Mission Trajectory Optimization for Manned Lunar Landing Mission Using a Hybrid Algorithm	Wende Huang
4639	Component-Based Model for Simulating the MMU CoProcessor	Guowu Yang
4649	Research on the Vibration Simulation of Particle Damping Sheet based on Power Flow	Hu Li
4694	GPU-Based Fast Minimum Spanning Tree Using Data Parallel Primitives	Wang Wei
5220	MOSFET and Lossy Coupled Transmission Line Circuit Simulation Using Iterated Timing Analysis and Latency-checking Method	Chun-jung Chen
5533	Research on Configuration Optimization of Loading-and-Unloading Equipment at Bulk Terminal	Xueping Wang
5470	RIAs and OGC Web Services Based Geospatial Data Searching and Visualization	Yong Tian
5381	Design of concatenation of fountain and Non-binary LDPC codes for satellite communications	Wen Lei
5233	The Semantics Research of UML2.0 Sequence Diagram based on Temporal Description Logic	Liuqing Yuan
3747	Molecular cloning and analysis of Hubei white swine myostatin gene	Guijie Fang

Part IV Poster Sessions

Poster Session1

Chair: Prof. Wenbin Hu
Conference Room No.3

14:00-18:30, Saturday, 25 December, 2010

Paper ID	Title	Author
3835	The Establishment of 3D Human Knee Model and Geometry Dimension Database Based on CT	Li-min Dong
2072	Empirical Correlation to Predict Viscosity Breaking Ratio of Guar-based Biodegradable Drilling Fluid	Cai Jihua
2100	Spatial Temporal Analysis of Land Surface Temperature and its Interplay with Land Use Change	Cheng Sun
2152	Analysis of Urbanization Effect on Land Surface Temperature, Using Sub-pixel Technology	Cheng Sun
2185	Improved Parallel Particle Swarm Optimization Based on K-means	Zhang Jie
2334	Measurement Compression in Compressive Sampling Based Distributed Video Coding	Hao Xiaoran
2409	Leaf vein extraction using a combined operation of mathematical morphology	Xiaodong Zheng
2474	A Method for Obtaining Regions of Interest with Adaptive Gaussian Mixture Model	Qing Lin
2211	Generalization Backstepping Method Based Stabilization of Parameters Perturbation Lorenz Chaos Using Adaptive Neuro-Fuzzy Inference System	Masoud Taleb Ziabari
2479	Study on experiment platform of integrated steering and braking control for vehicle active safety system	Tong Liang
2519	Rotated Face Detection Using AdaBoost	Bi Li
2526	Job Opportunity Mining by Text Categorization	Shilin Zhang
2545	Image Segmentation by Using Grayscale Iteration Threshold Pulse Couple Neural Network	Haiyan Li
2608	A Novel Grayscale Watermarking Algorithm	Feng Liu
2663	Crackle-image of Swing Bolster Detection Algorithm Based on Visual Perception	Peng Lu
2682	Process neural network algorithm based on piecewise linear interpolation function	Hong Xiao
2744	Research on Estimation Methods of Internal Rate of Return in Hydraulic Engineering Project	Zhihe Qiao
2755	A Hierarchical Verification Procedure of Timed Petri-Net Model for Real-Time Embedded Systems	Hanbo Wang
2800	Clustering Belief Functions Using Agglomerative Algorithm	Ying Peng
2823	A Color-Based Target Localization Method and Its Implementation on Embedded Auto-Mobile Robot System	Fei Guo
2837	A Method of Flow Field Reconstruction via Proper Orthogonal Decomposition	Mao Ye
2867	A Mesh Deformation Method for Aeroelastic Simulation	Minjie Guo
2890	A Principle Component Analysis based Method to Normalize Term Weights	Xia Tian
4332	Improved Image Watermarking Using Image Averaging Technique and Predicaiton of Tuned Watermarked Pixels	Areewan Peungpanich
2931	Information Security Forecast Based on Artificial Neural Networks and Grey Analyze	Zhang Dingtian
2937	Robust Reliable H_∞ Control for Uncertain Switched Linear Systems with Disturbances	Junfeng Lu
3007	Numerical simulation of the Construction for Concrete Crane Beam on Rock Wall and the Thermal Parameters Inversion	Qiang Sheng
3039	A Modified T-S Model Fuzzy Adaptive Control Method Applying in the Biological Fluidized Bed System	Xiaofeng Lian
3065	Research on Synchronous Sampling Clock Jitter of Power System	Zhang Bin

Paper ID	Title	Author
3082	Improved Naive Bayesian Classifier Method and the Application in Diesel Engine Valve Fault Diagnostic	Wang Xin
3354	CC-VIT: Virtualization Intrusion Tolerance Based on Cloud Computing	Yuesheng Tan
3395	Eco-environmental Sound Classification Based on Matching Pursuit and Support Vector Machine	Yong Li
3425	Research on the differences of Three S-Shaped Curves Based on Genetic Algorithm	Jinghui Yang
3478	A Predator-Prey Cellular Genetic Algorithm for Dynamic optimization Problems	Hao Chen
3479	Parameter Establishment in Extension of Ant Colony Optimization Based on Uniform Design	Li Shi-yong
3513	Parallel Computing Model of Multiple Dimensions Data Streams Canonical Correlation Analysis with GPU	Yong Zhou
3002	Aeroelastic analysis of a Supersonic Fin Based on CFD/CSD Coupling	Tianxing Cai
3782	K Nearest Neighbor Joint Possibility Data Association Algorithm	Chen Song-lin
3804	Abstraction of Polynomial Functions from Arithmetic Transform for Fixed-Size Arithmetic Datapath	Donghai Li
5223	Layout Identification of Printed Mathematical Formula for Recognition	Xue-dong Tian
200004	Monitoring rice leaves blast severity with hyperspectral reflectance	Hao Zhang
200032	A Novel Watermarking Scheme in Contourlet Domain Based on Schur Factorization	Peng Liu
2175	Design and Implementation of the Web-based Real-time Remote Expert Identification System	Jinfeng Ma
2361	The Design and Control of Fine Tracking Loop of ATP System for Free Space Laser Communication	Wei Xing
2372	Application of BP Neural Network on Workpiece Edge Quality Prediction in Micro-Milling	Zheng Gang
2385	An unweighted exhaustive diagonalization based multi-class common spatial pattern algorithm in brain-computer interfaces	Kui Chen
2395	Optimal Multiple-impulse Time-fixed Rendezvous Using Genetic Algorithm	Yu Qian
2443	Based on Integrated Adaptive Fuzzy Neural Network Tolerance Analog Circuit Fault Diagnosis	Xuefeng Qin
2554	Airport Taxi Scheduling Optimization for Aircraft Based on Genetic Algorithm	Changyou Liu
2557	Attack with Known Image to CMC Chaotic Image Encryption Algorithm	Jiansheng Guo
2603	Improved Classification Methods for BCI Based on Nonlinear Transform	Yi Fang
2622	Mixed-Row-based Space Allocation Strategy for Outbound Containers	Min Zhenyu
2648	Non-destructive Watermelon Maturity Detection by Acoustic Response	Yu-xin Zhang
2688	An Approach to Position Sensorless Control System for Brushless DC Motor	Li Zeng
2701	Dynamic Analysis of a Steel Beam with Various Cross-Section Unconstrained Layer by Differential Transformation Method	He-ye Xiao
2711	Integer Encoding Differential Evolution Algorithm for Integer Programming	Changshou Deng
2716	Non-equigap GM(1,1) Model via Weakening Buffer Operator and its Application	Mao Shuhua
2718	Design of a 1GHz~4GHz ultra-wide band low noise amplifier	Yanhui Lu
2843	An Unified Policy Specification Approach Based on Policy Primitive Language	Dai Xiangdong
2928	The Aggregate Homotopy interior-point Method for a Class of Multi-objective Programming Problems	He Li
2947	Use Matlab to Realize Acceleration Signal Processing of Armor-Piercing Bullet Penetrating Steel Target	Wen Feng
2948	Personalized Query System based on Heterogeneous data sources	Huicong Ning
2971	Evaluation and analysis of environment satellite (HJ-1) data about land features classification	Wang Yanxia
3026	Stabilization of Stochastic Networked Control Systems With Communication Constraints	Qing-quan Liu
3089	Chest Radiographs Retrieval Based on Multi-band Wavelet Transformation	Hong Shao
3121	Research on forecasting approach for complex time series based on Support Vector Machines	Wenlong Qu
3127	The Realization of an Algorithm for the State Knowledge Discovery Based on Induction Logic	Aziguli Wulamu
3145	Numerical Simulation of Flow Field in Wet Desulfurization Spray Tower	Minghua Bai
3218	The Simulation Research of Temporal and Spatial Distribution of Groundwater Evaporation in Ordos Based on Numerical Simulation Technology	Wang Wei

Paper ID	Title	Author
3221	Application and Research of Computer Simulation Technology in Pultrusion	Yanjie Zhao
3222	Reliability Redundancy design of Underwater Sensor Networks	Yao Lu
3227	Stereo Matching for Binocular Citrus Images using Surf Operator and Epipolar Constraint	Peng Hui
1053	Research on Emergency System Based on Geographic Information System and Service-oriented Architecture	Ye Zhiwei
1068	Water level measuring network design and implementation	Xiwei Yang
2053	Medical Diagnostics System Based on Clustering Discrimination	Chang Jing-yu
2092	A Framework for Medical Information Integration Based On Ontology and Web Services	Chen Caiping
2196	Adaptive License Plate Extraction Method	Cheng-yong Zheng
2209	A Study on Factors of Influencing Faculty Use of Modern Instructional Technology in Higher Education	Du Chuntao
2261	Study on Command Control Network Cooperation Measurement of Network Centric Artillery Combat	Li Xiaoquan
2346	Numerical Simulation of TaoEr Mine the Main Coal Layer Seam Floor's Mining Fracture Feature	Yingbin Guan
2401	Multiple and Heterogeneous Earthquake Disaster Information Fusion	Xu Jinghai
2539	VQ Codebook Design Method for Speech Recognition Based on Genetic Algorithm	Yuan Yujin
2555	Measurement of Impedance Parameter Using Non-Sinusoidal Periodic Wave	Mingshan Wang
2621	Level Soft Sets based on OWA Operators with Application to Fuzzy Decision Making	Feng Feng
2731	An Improved Job Shop Scheduling Algorithm Based On Efficiency Function	Luqiao Fan
2750	Handwritten Digit Recognition Based on Improved Learning Rate BP Algorithm	Zhang Xin-bo
2801	Fault diagnosis based on rough neural network	Yueling Zhao
2816	Study on ArcGIS Engine-based Earthquake Disaster Reduction Information Management System	Guan Youhai
3071	Research on Digital Rights Management Model for Spatial Data Files	Liangbin Zheng
3223	Structural Observability and Identifiability of Nonlinear Systems	Ma Qiang
3266	The Empirical Results and Modeling of Human Dynamics	Wang Li
3290	ElGamal Digital Signature Scheme With a Private Key Pairs	Zhang Jun
3303	Detecting Roots of Nonlinear Equations Through a Novel Differential Evolution Algorithm	Qiang Yin
3369	A NEW ALGORITHM OF FAST INTRA PREDICTION MODE DECISION IN H.264/AVC	Su Qi
3486	Generation Method of a Body of Virtual Plants Based on Cloud Model	Wang Zhao-hong
3533	An Improved Numerical Interval Simulation Algorithm	Liu Bingjie
3541	The Case Study of a Diffusion Theory Model of Adoption and Substitution for Successive Generations of Mobile Internet	Jinghui Yang
3594	Research on SCPS-NP Routing Protocol	Hong Jiang
2176	Fiber Nonlinearity Mitigation in Long-haul Coherent Optical OFDM	Hao Yao-hong
2191	Application of Stochastic Resonance in Directions of Arrival	Liu Qing-hua
2234	Algorithm Based on Navy Information Grid Networking	Sun Ming
2251	Fuzzy Logic Plateful Mineral Exploration and Development In Southwestern China	Abdullah Bokhari
2300	Key technology study on 3D Simulation Roaming System for Large-Scale outdoor Scene	Zhu Yan
2316	The Application of ANFIS and WT in Filtering	Yang Lu
2335	Performance analysis of PA coded pulse-position modulation for Space Optical Communications	Jianzhong Guo
2437	Research on the performance of flood routing in high-speed mobile ad hoc networks	Mao Min-liang
2460	Research of 3D Geological Body Modeling Methods Based on TEN	Su Xing
2484	Switched Control of DC /DC Converter Based on Hybrid Model	Xia Wang
2501	Robust Image Watermarking Against Shearing Based on Hilbert-Huang Transformation	Deng Minghui
2559	Design and Implementation of Distributed Workflow Engine Based on Java EE Platform	Yan Ma
2592	Research on Surrounding Rock Evaluation of Tunnel Based on Vague Set	Zhu Hongwei

Paper ID	Title	Author
2794	Assessment of chlorophyll content based on image color analysis, comparison with SPAD-502	Hao Hu
2808	A DFT Solution for Multi-Supply Multi-Voltage System-on-Chip	Xu Tailong
2898	The Mechanism of Workflow Task Execution in Migrating Workflow Management System	Xiaolin Wang
3268	Research and Application of Iterative Learning Control for Nonlinear Systems	Shao-cheng Qu
3295	An algorithm for obtaining decision rules based on greedy strategy in consistent decision information system	Guojun Zhang
3380	Application of D-S Evidential Reasoning in Recognizing Oval Fruit	Juan Li
3455	Research on target client group convergence modeling method	Jianguang Gong
3601	Study on Engine Vibration Signal Collection Method	Liu Zhan-feng
3610	Research on Time Synchronization for Industrial Wireless Sensor Network	Jiadong Dong
3698	Development of Multi-span Greenhouse Measure and Control System	Wang Qingzhu
3798	Design and Implementation of an Environmental Data Warehouse System	Xijie Li
3810	Design and Implement of Police Emergency Response System Based on Integrating GIS with Decision-making Models	Xuefei Li
3916	Subsidence History Simulation and Its Application in Paleogene of Qiongdongnan Basin	Jun Xiao
2271	A New Kind of Single Sign-on Model Base on Mobile Agent	Liang Zhigang
2377	RBF Neural Networks Optimization Algorithm Based on Support Vector Machine and Its Application	Ren Jin-xia
2428	A Framework for service discovery in pervasive computing	Yue-an Zhu
2627	Research on High-level Control Structure Recovery based on Control Tree	Yin Qing
2761	The Study of Gray Ratio for Composable Model Based on Metamodel	Wang Guangyan
2995	Multi-source Data Fusion Technology and Its Application in Geological and Mineral Survey	He Hujun
3468	A Simple Equalization Algorithm for Precoding Single Carrier System with Frequency Domain Equalization	Ju Mei-yan
3915	The Application of Stochastic Simulation and Stochastic Seismic Inversion in Reservoir Prediction	Jun Xiao
3992	Two-dimensional plasma particle simulation algorithm	Song Ren-wang
4050	Study on the Development of Mobile Learning Promoted by Cloud Computing	Jian Li
4177	Research on Close Modes in Shipboard Equipments	Han Jiang-gui
2544	Field Research on Mining Subsidence Based on Terrestrial 3D laser scanning technology and RTK	Dawei Zhou
2674	The Improved Algorithm of TCP RQB Under the network environment of Ad hoc	Minli Tang
2933	Optimization of the Prescription of Pomelo Beverage by Response Surface Methodology	Han Gao
3736	The Algorithm and Error Analysis of Fractional Fourier Transform	Fenxia Zhao
3816	The Design and Implementation of the Measurement & Control System of Shield Posture	Shi Yiping
2228	Chinese Geoparks' Construction and the Sustainable Utilization of Geological Heritage Resources	Fang Shiming
2389	Research on Quality of Service in Wireless Sensor Networks	Long Zhaohua
2502	Evauation on the stability of rock mass deformation based on chaotic muation -RPNN model	Sha Ma
2533	Research and Design of Library Information System based on Three Layers Architecture	Hasan Abdullah Hasan Naji
2586	Exercise improves insulin sensitivity may be caused by the decrease of inflammation and oxidative stress on adipose tissue	Li Jun
2649	Research on Simulation Demo System of Civil Air Defense Counterplan Based on 3D Visualization	Li Yong
2683	DHT-based Namespace Solution for Grids	Chen Xing
2830	Analysis of the maximal transmission rate based on NRF24L01 chip system	Yuansheng Liu
2433	Design of coal mined zone temperature detector based on optic absorption principle	LI Yan-ping
3942	Multi-policy Data Stream Off-line Analysis for Parallel Query Middleware	Qingrong Wang

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5371	An improved Phase Difference correction method for Interharmonic Detection	Chen Wei
4700	Multi Agent Fault Diagnosis Conclusions Synthesis Based on Improved Borda Count	Zhao Peng
3525	Research and Application of Denoising Method Based on Wavelet Threshold	Wan Jun
3547	Research on Camera Controlling Driving Simulator	Youquan Liu
3590	Single Neuron Based Freeway Traffic Density Control via Ramp Metering	Xinrong Liang
3608	The Analysis of Tempo-Spatial Correlation Characteristics between Strong Earthquakes based on Parallel Computing	Li Jinsong
3643	Fast Single Image Dehazing Using Iterative Bilateral Filter	Sun Kang
3660	The High Resolution Orientation Research of Under Water Composed Array Sources in Near Field Via the Most Likely Estimation	De-sen Yang
3704	Numerical Simulation and Optimization Design on Acoustic Absorbent Lining	Jun Zhang
3708	Three-dimensional Modeling of Trees Group with Spatial Characteristics and Its Space Subdivision Method	Zhangang Wang
3765	Study on the Preprocessing Algorithm of Transmission Lines Video Monitoring Image	Fengjie Sun
3809	Validation of a Finite Element Model of C0-C1-C2	Meng Chun-ling
3846	A New Design of Experimental Schemes of Complex Matrix LDA	Xiaohui Wang
3857	Feature Selection based on Genetic Algorithm for Classification of Pre-miRNAs	Ke Han
3909	A CUDA Based Implementation of an Image Authentication Algorithm	Caiwei Lin
4045	Research on Direct Current Motor PID Control System Based on BP Neural Networks	Huang Yuehua
4076	A hybrid Support Vector Regression based on CPSO in forecasting Financial Returns	Yuanhu Cheng
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4179	Web Text Clustering Based on Concept Lattice	Yimin Shi
4230	Associative classification over Data Streams	Zhen-hui Song
4242	A New Range Profile Identification Method Based on Multi-scale Entropy Feature	Cheng Ping
4271	A robust method for mosaicking sequence images obtained from UAV	Cheng Xing
4325	A Method of Feature Matching Based on Multi-Pose Face	Yingjie Xia
4417	Dynamic Modeling and Analysis of a Small Solid Launch Vehicle	Jiang Jianping
4423	Operator design methodology and implementation for H.264 entropy encoder	Ziyi Hu
4440	A Simplified RLS Algorithm and Its Application in Acoustic Echo Cancellation	Jun Xu
3493	A new fuzzy adaptive multi-population genetic algorithm based spam filtering method	Gang Wang
4451	A Multi-Agent Distributed Data Mining Model based on Algorithm Analysis and Task Prediction	Dan Zhou
4492	Image Retrieval Using Pulse-coupled Neural Networks and Correlation Coefficient	Huang Yanli
4559	Variable Structure Model Following Control for Dual-input Active Suspension	Ren Chuanbo
4576	Visualizing Air Pollutants through Image Processing	Wang Demin
4615	The application of EKF and UKF to the SINS/GPS integrated navigation systems	Yao Li
4625	Case Retrieval Strategy Based on GAs and Group Decision-Making Method	Wei Jiang
4710	A Fixed-Complexity Sphere Decoder for MIMO Systems on Graphics Processing Units	Wang Hongyuan
4884	A Staged Multi-Objective Co-evolutionary Algorithm	Jinfeng Miao
4900	A simple rectification method of stereo image pairs with calibrated cameras	Huihuang Su
4904	An Adaptive Sampling Ensemble Learning Method for Urinalysis Model	Ping Wu
4915	Sensitivity degree based fuzzy SLIQ decision tree	Haitang Zhang
4989	Quality Assessment of Image Fusion Based on Image Content and Structural Similarity	Zhang Xiao-lin
3238	IIGRA—an Implicit Iterative Algorithm for Regularizing Nonlinear Ill-posed Problems	Jianjun Liu

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3327	Investigation and comparison between GM(1,1) and BPANN forecast models in Shanghai low-rent housing families	Zhuo Li
3407	Generalized projective chaos synchronization of rotational simple pendulum subjected to external disturbance using fuzzy sliding mode control	Li-ming Wang
3414	A Communication Model of Anycast in Wireless Sensor Networks	Gao Demin
3419	Several new tools for cancer classification combined with PLSDR base on high-dimensional gene expression profile	Jiangeng Li
3500	Shortfall-Risk Minimizing Hedging Based on MCMC Method	Guo Jian-hua
3523	The Application of Approximate Vector Indexing Method in Medical Image Retrieval Platform	Hong Shao
3531	Design and Implementation of 2×4 Network on Chip Interconnection Architecture	Xingang Ju
3558	Feature Selection Based on Clustering Valid Analysis with Fuzzy-Rough Set	Xiao-xuan Qi
3574	Convergence of Analytic Fourier Series Solution for Elastic Bending of Thin Plates	Weiming Sun
3575	An Algorithm of Fast Mining Long Frequent Neighboring Class Set	Cheng-sheng Tu
3576	Spatial Constraint Topology Association Rules Mining Based on Apriori	Gang Fang
3606	Research on Cooperative Strategy of Spacecraft Parallel Test	Zhongwen Li
3618	Research on Crankshaft Straightening NP-hard Problem Based on Weighted Evaluation Function	Zhai Hua
3675	A Novel Swarm Clustering Algorithm and its Application for CBR Retrieval	Zhe-jing Huang
3817	Research on the technology of Common-view based on the GEO Positioning System	Jing Wenfang
3847	The Study of Weak GPS Signal Acquirition Based On Duffing Chaotic Oscillator	Hongguang Chen
3914	An Optimal Nonlinear Variable Structrue Guidance Law Considering Missile's Dynamic of Autopilot	Bin Zhang
3935	A Domain Ontology Construction Method Towards Healthy Housing	Yi Zhang
3952	The formation and Analysis of the earth gravitation Model based on point masses	Jianqiang Wang
3985	Research on Local Motion-blurred Image Restoration Algorithm Based on Physical Methods	Hua Jin
4051	Power Battery Charging State-of-Charge Prediction based on Genetic Neural Network	Yongqin Zhou
4115	The study of sub-pixel edge detection algorithm based on the function curve fitting	Shang Ya-ceng
4171	Crustal Deformation Time Series Prediction Model Based on PSO and SVM	Minsi Ao
4209	Formant estimation algorithm based on digital waveguide models	Zongyue Yan
4300	Research on wavelength detection algorithm of fiber Bragg grating based on LabWindows/CVI	Yongqian Li
4338	Research on Determination of Overloaded Function Uniqueness for Regression Testing Oriented	Sheng Qi
4339	Determination on Uniqueness of Function Template Call Relation in Regression Testing	Rui Wang
4340	Research on Uniqueness of Polymorphism in Regression Testing	Wei-na Dong
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4429	Multi-Objetive Evaluation Model of Groundwater Carrying Capacity in Irrigation District	Jihong Qu
4456	Volume Rendering and Clipping For Air Pollution Visualization	Shigang Wang
4462	Echo Cancellation Technology based on PN Sequences	Yongqin Zhou
4468	Numerical Analysis of Dynamic Mechanical Response on Rock Material	Gao Fuqiang
4474	The Priority Group Control Strategy of Welding Power Sources Based On Adaptive Neuro-Fuzzy inference System	Xian Zhang
3595	Remote Intelligent Tutoring System Based on Multi-Agent	Zhenzhen Yi
3599	A New Method for High-precision Geoelectric Data Acquisition Based on CS5372	Qisheng Zhang
3626	Physically Based Vision Simulation of Petrol Leak and Diffusion	Yuxiang Zhang
3632	A Simple Solution to Maximum Flow at Minimum Cost	Cui-xia Xu
3638	Particle swarm optimizations in Disturbance Observer Based Control of PEMFC Generation Systems	Ren Yuan

Poster Session2

Chair: Dr. Wei Song

Conference Room No.4

14:00-18:30, Saturday, 25 December, 2010

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3709	Contourlet Retrieval System Using Absolute Mean and Kurtosis Features	Xin-wu Chen
3717	Research on Vehicle Routing Problem Based on Immune Genetic Algorithm	Li Yongpan
3771	Pulse Vaccination Strategy in the SEIR Epidemic Dynamics Model with Latent Period	Wei Wei
3777	GAMS: A New Grid Application Management System	Li Li
3848	A New Variable Momentum Factor blind equalization Algorithm	Juan-juan Ji
3898	Passivity analysis of uncertain neutral fuzzy system with interval time-varying delay	Wenpin Luo
4016	Improved Delayed Feedback Suppression of Chaotic Oscillation in Power System	Hui Zhao
4028	the Helmholtz equation -least squares method for Moving Sound Source	Xiaoxia Guo
4099	JOINT LOAD TRANSFER EFFICIENCY OF RIGID PAVEMENT CONSIDERING DYNAMIC EFFECTS UNDER A SINGLE MOVING LOAD	Yu Xinhua
4104	Artificial neural network classifier design using genetic algorithm and wavelet transform in fault diagnosis	Huilin Li
4287	Research on Fixed-Point Simulation Approaches in the Design of FPGAs	Bingyang Liu
4320	An M/G/1 Queue System with Single Working Vacation	Shan Gao
4361	The Design and Implementation of Mobile GPS Navigation System Based on Google Maps	He Li
4416	Key Issues in Mapping Technologies for Disaster Management	Fei Wang
4434	PID controller based on BP neural network in the application of wind power generation and Matlab simulation	Zong-sheng Jiang
4496	A Vendor-managed inventory Model and Simulation in Supplier-Driven Supply Chain	Li Qiuzheng
4516	The impact of precise clock systematical bias on real-time precise point positioning	Yanli Zheng
4527	The Multiple Sectional Short-term Traffic Flow Forecasting Based on MGM(1,nltan(k-t)p,sin(k-t)p) model	Wang Xiaoying
4570	3-D Finite Element Analysis on 480 Diesel Crankshaft	Meng Jian
4715	High Dynamic Range Image Compression Based on Diffusion Tensor Manipulating Gradient Domain	Wangjun Tian
4790	On local computations of influence diagrams	Weihua Li
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4864	LED Display Screen Design and Proteus Simulation Based on Single-Chip Microcomputer	Ding Yanchuang
2516	Study of High Power Motor Intelligent Protection Controller Based on PIC Singlechip	Jishun Jiang
3943	New stability criteria for neutral system with time-varying interval delays	Diankun Wang
3982	The application of precise trigonometric leveling in river-crossing leveling	Guanlan Liu
4178	Model of Sweet Spot on a Baseball Bat	Bi Yong
4202	APPLICATION ANALYSIS OF RLS ADAPTIVE FILTER IN SIGNAL NOISE REMOVING AND SIMULATION	Guoyuan Xing
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4255	Driving Fatigue Detection Using MATLAB Simulation	Liu Zhan-feng
4270	VaR Model Based on GARCH Approach and Extreme Value Theory with Application in Chinese Interbank Offering Market	Jie Yang

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4401	Study on Lipreading Recognition Based on Computer Vision	Liu He
4526	Railway Hazardous Articles Monitoring System Based on Wireless Sensor Network	Huifan Li
4564	Research of algorithm of mining frequent closed pattern about distributed data stream	Gao Hong-bin
4581	Intelligent Decision and Application Technology Research of Tunnel Blasting Scheme	Zhongwen Yue
4613	The Identification Research of Software Enterprise's Lifecycle Based on the Method of Fuzzy	Wu Lianqin
4635	The Algorithm of G Blending NURBS Curves Based on Adjustable Parameters	Yawen Lu
4644	The Design of Wafer Defects Marking System based on Machine Vision	Juan Zhou
4822	Nonlinear Control System Intelligent Identification Using Optimized Support Vector Machines	Jia-yuan Zhu
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4833	Study of Virtual Navigation Based on Spherical Panoramic Image	Xiong Shi
4917	Corporate Financial Warning Model Based on PSO and SVM	Wang Xinli
4957	Modeling and Simulation of Equipment Support Process Based on UML-ARENA	Yabin Wang
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3748	Using SecurityProxy based Trusted Computing Enhanced Grid Security Infrastructure	Guohua Liu
3949	A Physiology Modeling Method Research Based on Multi-knowledge Representation for Body Digestive System	Huaiqing Yang
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5101	A Fuzzy-Neural Network Sliding Mode Control for Flexible Spacecraft	Yu Chen
5105	A Study of Acceleration Coefficients in Particle Swarm Optimization Algorithm Based on CPSO	Pu Sun
4160	Neural Network-Based Teeth Recognition Using Singular Value Decomposition and Color Histogram	Suprachaya Veeraprasit
5131	A Two-Dimensional Sub-pixel Edge Detection Algorithm Based on Hyperbolic Tangent	Guang Wei
5132	Design and Implementation of a 1.5Gbps Digital Channelized Receiver	Xu Shichao
5153	An improved algorithm of structure learning applied in Organizational Factors Bayesian Belief Network	Yu Tonglan
5163	Multiple Data Sources Fusion Method for Effectiveness Evaluation of Military Communication Network	Shi Fu-li
5199	GMC(1,N) Power Model Based on Cluster Analysis and Its Application in Predicting Ultimate Bearing Capacity of Single Pile	Peng Kunkun
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5205	Track-before-detect based on Two-Stage Sampling Particle Filter	Xinhua Liang
5253	Deformation Monitoring Study of Equivalent Material Model	Cai Lailiang
5435	A Wireless Healthcare System Based on Mobile Internet Platform	Jun Yan
5463	An Adaptive Memetic Algorithm Solving Dynamic Weapon Target Assignment Problem	Liu Chuanbo
5464	An Improved Ant System Algorithm Based on PPL	Yan Zhang
200024	Damage identification for transmission tower based on Support Vector Machine and RBF	Liu Chun-cheng
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2650	Rapid Scene Categorization Using Novel Gist Model	Xianglin Meng
2726	Texture Feature Clustering and Segmentation Algorithm based on Pixel	Zhu Hong
2929	Parameter Optimized of GM (1,1) Model and its Application in Subsidence and Deformation of High Building	Caiyun Gao
3157	FPGA Implementation of a Probabilistic Neural Network for Spike Sorting	Xiaoping Zhu
3260	A New Semantic Annotation Method for Chest X-ray Images	Hong Shao
3444	Serial Analysis of Gene Expression with Poisson-Model based Kernel Principle Component Analysis	Hongquan Su
4484	Research on FOA and TOA Estimation Algorithm of Galileo SAR Signal	Wang Kun

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4600	Aeroengine Component Deviation Parameters Nonlinear Estimation Using Particle Swarm Optimization	Dawei Yin
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4620	Using IGS Data to Analyze the Long-term Variations of Total Electron Content	Li Lei
4664	Research of Adaptive Beamforming Algorithm Based on Matrix Decomposition	Zeng Zhaohua
4670	A Method of Rotation Transformation for 3D Object by Changing Camera Attributes in WPF	Yu Ren
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4679	Skeletal Animation Based on BVH Motion Data	Huan Dai
4751	System identification based on noise elimination for response signals	Xingxian Bao
4880	Multi-table Pivoting Algorithms for Solving Linear Multi-level Programming Problems	Zhaolin Jin
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4928	On Finding Effective Course of Action under Combinational Constraints in Influence Nets	Yan-guang Zhu
4950	Analysis of turbulent characteristics of unevenly velocity signals in KSM used empirical mode decomposition and Lomb periodogram	Huibo Meng
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5283	Simulation Cultural Algorithm of Enterprise Evolution Based on Multilayer Belief Spaces	Yi Yang
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5300	Motion mechanism analysis of a two-degree-of-freedom spherical motor	Guo Kang
5306	Deep Submicron Power/Ground Networks Design for A Multi-Macro Chip	Longjun Du
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5427	Research of the Strategy in Multi-issue Negotiations Deadlock	Zhang Chaoyang
5441	Reuse Metrics for Object-Oriented Method	Gu Xun-mei
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5467	The "soft" satellite classification based on Dempster-Shafer of evidence	Huixiang Li
2515	Study of A New Type Field Irrigation Intelligent Controller	Jishun Jiang
4988	Research of SVM Applying in the Risk of Bank's Loan to Enterprises	Yinxiao Ma
5052	Validation of Torpedo Control System Simulation Models on Grey Relational Analysis	Guo Xiaojun
5119	Anti-periodic solutions for shunting inhibitory cellular neural networks with continuously distributed delays	Huiyan Kang
5125	A Distributed Slot Assignment Scheme for Wireless Ad Hoc Networks	Qi Yang
5148	Application of Ant Colony Optimization Algorithm to Ramp Metering	Jian Xiong
5204	A New Diagnosis Lossless Compression Method for Digital Mammography	Ping Xu

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5354	RBAC-based Access Control for SaaS Systems	Dancheng Li
5387	Research on Dynamic Subsidence Principles of Overburden Strata Based on Similar Material Simulation	Zheng Ruyu
5426	Design of a Radiation Hardened DC—DC Boost Converter	Liu Zhi
5479	The Eye Movement Experiment and the Usability Evaluation of the Fighter Cockpit Digital Interface	Wang Haibo
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5071	Underwater Robot Path Planning Methods Based on Immunization Genetic Algorithms	Ren Shaoxuan
5113	Adaptive Actuator Failure Compensation of a Class of Nonlinear Systems	Jianping Cai
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5219	Research on the Maximum Flow of Busy Airport	Hu Jun
5224	Research on The Cost Analysis System of Hydropower Ancillary Services Based on LabVIEW	Su Li
5228	Analysis of MAC Protocol Based on Dual-probability Detection and Wireless Sensor Networks	Xinchun Wang
5242	A digital image processing system based on DSP	Liu Yanjun
5244	Illuminance Test System Based on MSP430	Ding Yanchuang
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5452	Research on Object-Oriented Approach to ADS40 Image Classification	Yinlong Jin
5474	Analysis and Optimization of Crossbeam of Gantry Machining Center	Yingjun Guan
2210	Analysis on causes of Public Security Incidents of Serious Water Pollution in Three Gorges Reservoir	Zhang Kai
2212	Application of D-S Evidence Theory in Mine Water-inrush from the Floor	Xin Heng-qi
2233	The Grid Task Attenuation Layer Model Based on Agent Role	Wu Chen-han
2817	Innovating the Teaching of Engineering Survey Course and Cultivating Professional Talents of Civil Engineering	Yubao Liang
1055	Research on the Intelligent Controller for Air-condition with Frequency Change Based on Fuzzy Neural Network	Siwei Wei
1062	Downhole pressure gauge temperature correction model design	Xiwei Yang
2760	The Application of CF Card in the System of Real-time Processing on High-volume Data	Linan Li
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3431	Segmentation of Viscose Filament Fracture Surface Image Based on SOFM Network Fusion	Jiaquan Zhang
3518	Xinpai-driven Workflow model analysis based on petri net	Feng Wei-bing
3553	Quantitative Research on Causes of Channel Conflict Based on Analytic Hierarchy Process	Zhongqi Sheng
3718	A Chaotic Sequence Watermarking Algorithm for Infrared Image	Xu Xiaoqing
3749	USI-Uniform Secure Interoperation in Grid Service and Computing System	Guohua Liu
4138	Null Controllability of Some Climate Models	Liang Zhang
5080	Design of Measurement System Used for Analyzing Receiver Antenna Parameters of Radio Clock	Yanhua Zhang
5158	Iterative Learning Based Freeway Density Control	Jianye Li
5173	Open NSO Modeling for DFM	Junping Wang
4411	Towards Hardware Trojan: Problem analysis and Trojan Simulation	Song Yun
5377	Study on Texture Information Extraction and Application of SPOT5 Based on wavelet transform	Li Chunjing
2218	Influence Of Discrete Granularity On Using Association Rules To Complete Missing Values	Yue-an Zhu

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3788	Optimization Analysis on Air By-pass Rate in Heat Pump Drying System by Genetic Algorithms	Jianfeng Qian
3881	Study on Mine Geological Hazard Assessment Model Based on ANN	Jian Li
4761	A Noise Suppression Method for Pipelines EMAT Signals Using a Pseudo Random Code	Zhengwang Xu
2510	Prediction of Monthly Average Humidity of Cities Based on Extension Cluster Model	Chen Weiguo
4779	Multispectral Images Compression based on JPEG2000	Wei Junxia
5226	Study on traffic accidents prediction model based on RBF neural network	Yu Rujun
5418	B to C E-commerce Platform Software Development Cost and Schedule Estimation Method	Yongchang Ren
5425	Research about the Influence of Oil Price Uncertainty on World Economic Fluctuation	Hou Naikun
5440	Feedback Control for Networked Control Systems Over Data-Rate Constrained Communication Channels	Zhuang Feng
5042	Evaluation of the financial environment in Xi'an based DEA	Zhou Jiong
5188	Logical Expression of Feature-Based Spatio-temporal Data Model Research	Xiaohua Liu
5202	Research of Key Technologies on Encrypting Vector Spatial Data in Oracle Spatial	Gangshi Li
5207	The Architecture of a Test Automation Framework for Access Gateway in NGN	Wang Jinping
5332	NesCEnv: Tool for Automatically Creating Running Environment for WSN Applications	Yuxia Sun
5235	Simulation of the flow control of radial piston pump based on simulink	Jiang Wei
5364	Prediction of 4D Trajectory Based on Control Intent	Gao Fei
5490	Multi-Criteria Comprehensive Evaluation Model under the Uncertain Information	Zhongcheng Zhang
5510	Oil Painting Structure Which Based on Autodesk Drawing Software	Jianhua Liu
4630	Design of the Simulation Conceptual Model of Ammunition Support Requirement Generating	Lu Gao
4737	IT Project Risk Assessment Model Based on Fuzzy-AHP	Wu Hongxia
4774	Value Chain Management Information System Research	HaiLin Wang
5512	Satellite Communication Signal Modulation Which Based on FDM	Guohai Yang
5526	Application of Rough Set Theory in Debris Flow Hazard Assessment	Li Ju
5536	Exhaust After-treatment Dosing System with SCR Technology	Qihong Zhou
5213	Eddy Current Retarding PWM Controller which based upon CPLD	Minjin Xiao
2122	Research About Mobile Line-Inspection Based on GIS and GPS	Du Zhong-jun

Part V Instructions for Presentations

Oral Presentation

Devices Provided by the Conference Organizer:

Laptops (with MS-Office & Adobe Reader)

Projectors & Screen

Laser Sticks

Materials Provided by the Presenters:

PowerPoint or PDF files

Durations of each Presentation (Tentatively):

Regular Oral Session: about 10 Minutes of Presentation, 5 Minutes of Q&A

Keynote Speech: 40 Minutes of Presentation, 5 Minutes of Q&A

Part VI Hotel Information

Conference Hotel: *Lake View Garden Hotel*

武汉湖滨花园酒店

(★★★★★)



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From the Railway Station:

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Part VII Contact Us

Contact Information

Email: iciecs2010@vip.sina.com, info@iciecs.org

Phone: +8615071034790

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论文被 EI 与 ISTP 检索, 投稿截止时间 2011 年 3 月 31 日
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第三届信息技术与计算机科学国际学术会议
论文被 EI 与 ISTP 检索, 投稿截止时间 2011 年 3 月 13 日
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论文被 EI 与 ISTP 检索, 投稿截止时间 2011 年 6 月 01 日
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