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Part I CSSE 2008 Conference Schedule

December 12 ~ 14, 2008

9:00 – 20:00	Registration	Lobby, 1 st floor, Ramada Plaza Optics Valley Hotel
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Saturday Morning, December 13

Time	Activity	Location
8:30 – 9:00	Opening Ceremony	
9:00 – 9:40	Keynote Speech: Topological Quantum Computing (TQC) Speaker: Prof. Hugo de Garis (Xiamen University, China)	
9:40 – 10:20	Keynote Speech: Formal Methods in Software Development: An Overview Speaker: Dr. Kasi Periyasamy (Univ. of Wisconsin, US)	East Lake Ballroom,
10:20 – 10:40	Coffee Break	5 th floor,
10:40 – 11:20	Keynote Speech: IT Applications in Digital Signal Processing Education Speaker: Prof. Mark A. Yoder (Rose-Hulman Institute of Technology, US)	Ramada Hotel
11:20 – 12:00	Keynote Speech: Middleware Challenges for Pervasive Computing Speaker: Prof. Jiannong Cao (Hong Kong Polytechnic University, Hong Kong)	

Saturday Noon, December 13

12:00 – 13:00	Lunch Buffet	2 ⁸ th & 4 th floor, Ramada Plaza Optics Valley Hotel
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Saturday Afternoon, December 13

Time	Activity (Coffee Break 15:50 – 16:10)	Location
14:30 – 17:30	Oral Session 1: Artificial Intelligence I	South Lake Room-I, 5 th floor, Ramada Hotel
	Oral Session 2: Grid Computing & Neural Networks and Applications & Computer Graphics	South Lake Room-II, 5 th floor, Ramada Hotel
	Oral Session 3: Information Security & Embedded Programming	South Lake Room-III, 5 th floor, Ramada Hotel
	Oral Session 4: Software Engineering I	West Lake Room , 5 th floor, Ramada Hotel
	Oral Session 5: Distributed and Parallel Computing & Embedded Programming	VIP Room, 5 th floor, Ramada Hotel
	Oral Session 6: Database Technology	Cangyu Ballroom, 3 rd floor, Ramada Hotel

Saturday Evening, December 13

18:30 – 20:00	Welcome Banquet	5 th floor, Ramada Plaza Optics Valley Hotel
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Sunday Morning, December 14

Time	Activity (Coffee Break 09:50 – 10:10)	Location
		(5 th floor, Ramada Hotel)
	Oral Session 7: Collaborative and Group Learning & E-Learning and Knowledge Management	South Lake Room-I
	Oral Session 8: Evaluating of Teaching and Learning Technologies & Socially Informed and Instructional Design	South Lake Room-II
08:30 – 11:30	Oral Session 9: Learning Systems Platforms and Architectures & Modeling and representation	South Lake Room-III
	Oral Session 10: Artificial Intelligence II	West Lake Room
	Oral Session 11: Software Engineering II	VIP Room,

Sunday Noon, December 14

12:00 – 13:00	Buffet Lunch	28 th & 4 th floor, Ramada Plaza Optics Valley Hotel
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Sunday Afternoon, December 14

Time	Activity	Location
		(5 th floor, Ramada Hotel)
	Poster Session 1: Artificial Intelligence	
14:30 – 15:50	Poster Session 2: Grid Computing & Neural Networks and Applications & Computer Graphics & Information Security	East Lake Ballroom
	Poster Session 3: Information Technology in Education	
16:10 – 17:30	Poster Session 4: Software Engineering, Distributed and Parallel Computing, Embedded Programming and Database Technology	East Lake Ballroom

Monday, December 15 (Optional)

Time	Activity
08:30 – 17:30	One-day Tour in Wuhan

Part II Keynote Speeches

Keynote Speech: Topological Quantum Computing (TQC)

Speaker: Prof. Hugo de Garis

Time: 9:00 – 9:40, December 13, 2008

Location: East Lake Ballroom, 5th floor, Ramada Hotel



Abstract

Prof. de Garis teaches graduate level math and physics needed to understand the principles of topological quantum computing (TQC), which is likely to revolutionize computer science in the next few years. Quantum computers (QCs) can compute $2N$ things at a time, compared with 1 thing at a time by a classical computer. The reason why large N quantum computers do not exist today is due to the “coherence problem”, i.e. that storing a quantum bit of information in a tiny space, e.g. on the spin of an electron, makes that information highly vulnerable to local disturbance. However if the qubit can be stored in a topological quantum field, then the information is in a sense “spread out over a large area” and is thus robust against local noise. In 2005 a non Abelian anyon was discovered in the context of the fractional quantum Hall effect (FQHE) which is a topological field. A race (and Nobel prize) is on in the FQHE labs of the world to find appropriate anyons to make TQC practical. Large N quantum computers will revolutionize computer science, hence the great excitement. It should be obvious then that the principles of TQC will need to be taught at 1000s of universities around the world. Unfortunately, TQC requires a knowledge of PhD level math and physics that computer science students typically do not have. Prof de Garis is pioneering this teaching, world wide, at Xiamen University.

Keynote Speech:

Formal Methods in Software Development: An Overview

Speaker: Dr. Kasi Periyasamy

Time: 9:40 – 10:20, December 13, 2008

Location: East Lake Ballroom, 5th floor, Ramada Hotel



Abstract

The term ‘Formal Methods’ denotes a collection of mathematically based techniques that can be applied to practically any field. Mathematical formalism has been used in software development for a long time, for example, in program verification and in compilation theory. Recently, formal methods are increasingly applied to requirements analysis, design verification and test case generation. The need for formal verification has been realized as an important step in safety-critical systems and information security. But the use of formal methods in software

development was limited by several factors including the lack of awareness, tool support and convincing case studies, particularly industrial software systems. With the growing demand for computerized applications in every sort of life, it becomes almost essential to use some kind of formalism during the development process for every software system. The rationale for such a mandatory requirement is that the expectation of quality and reliability of software products are much higher nowadays than before. Use of some formalism will help identify more errors during the development process, and will help justify the correctness and reliability of software products. This talk will focus on the evolution of formal methods, their current trends and applications. The discussion will center on the need for incorporating formal methods into software engineering curriculum.

Keynote Speech: IT Applications in Digital Signal Processing Education

Speaker: Prof. Mark A. Yoder

Time: 10:40 – 11:20, December 13, 2008

Location: East Lake Ballroom, 5th floor, Ramada Hotel



Abstract

It was the crystal radio that motivated electrical engineering students some 50 years ago.

Today's students are still carrying radios; however the radios are in the form of a cell phone. Simple analog electronics aren't motivating the broad range of students that they used to. The high-tech gadgets of today (cell phones, HDTV, Blu-ray, wireless, etc.) are appealing to a broad range of students. Digital Signal Processing (DSP) is at the heart of many of these gadgets.

This talk is about engaging students throughout their education by using environments such as LabVIEW and MATLAB to help students understand and experience DSP. Examples are given from two current endeavors, the Infinity Project (for high school students) and the undergraduate textbook Signal Processing First and one future project, the Web Companion for the graduate level text Discrete-Time Signal Processing by Oppenheim and Schaffer.

Through these three projects students from high school to graduate school have been motivated by the technology they use every day. This talk will demonstrate several examples from these projects.

Keynote Speech: Middleware Challenges for Pervasive Computing

Speaker: Prof. Jiannong Cao

Time: 11:20 – 12:00, December 13, 2008

Location: East Lake Ballroom, 5th floor, Ramada Hotel



Abstract

One big barrier to the wide spread development of pervasive computing applications lies in the increased complexity of the programming task. There is a big gap between high-level application requirements, and

low-level complex system organization and operations. Middleware can help bridge the gap – supporting rapid development and deployment of applications by domain experts with minimal programming expertise. The main functionalities of middleware are programming abstractions and interfaces, system services, and runtime support. However, pervasive computing poses new challenges to middleware research. In this tutorial, I will discuss the key challenging issues and describe the state of art of research in developing pervasive computing middleware, including the major research projects. I will also describe the open problems and point out future research directions.

Part III Oral Sessions

Oral Session 1: Artificial Intelligence I

Chair: Prof. Ying Shi, Wuhan University, China

South Lake Room-I, 5th floor, Ramada Hotel

14:30 – 17:30, Saturday, December 13

Paper ID	Title	Author
50311	Solving the Economic Dispatch in Power System by Genetic Particle Evolutionary Swarm Optimization	Jian Li
50325	Facial Expression Synthesis Based on Expressional Feature Space and Expression Decomposition	Jinglei Tang
50661	An Algorithm for Weak Disjunctive Normal Form Reduction in G3 Logic	Xianchun Zou
50679	A Messy Genetic Algorithm Based Optimization Scheme for SVC Placement of Power Systems under Critical Operation Contingence	Jiansheng Huang
50745	Hybrid Particle Swarm Optimization Algorithm for the Logistics Network Design Problem under Concave Cost Function	Xu-wei Qin
50762	Slant Correction of Vehicle License Plate Integrates Principal Component Analysis Based on Color-pair Feature Pixels and Radon Transformation	Min-si Ao
50820	An Ant Colony Optimization Algorithm Based on the Nearest Neighbor Node Choosing Rules and the Crossover Operator	Shu Yunxing
50832	A New Passing Strategy Based on Q-Learning Algorithm in Robo Cup	Xiong Li
50841	Modeling for Robotic Soccer Simulation Team Based on UML	Xiong Li
51088	OntoLTCn: A Chinese Text Oriented Semi-auto Ontology Knowledge Discovery Tool	Ying Jiang
51219	Multiple Non-Rigid Objects Tracking by Modified Kernel Particle Filter	Xiaoping Cheng
51013	Multi-agent control of shared zones in intelligent buildings	Jarunee Duangsuwan

Oral Session 2: Grid Computing & Neural Networks and Applications & Computer Graphics

Chair: Dr. Priyadarsi Nanda, University of Technology, Australia

South Lake Room-II, 5th floor, Ramada Hotel

14:30 – 17:30, Saturday, December 13

Paper ID	Title	Author
50209	K-Chord: A Flexible Peer-to-Peer Resource Location Protocol	Xiang Xu
51673	Supporting QoS guarantees using traffic engineering and policy based routing	Priyadarsi Nanda
51940	An Exhaustive Resource Search Algorithm Based on Ping-Pang Mapping	Mande Xie
51955	GOVFIR: Grid computing based Online Virtual Fitting Room	Congfeng Jiang
51623	Seabed Classification Based on SOFM Neural Network	Jianhu Zhao
50256	Diagonal-flip distance algorithms of three type triangulations	Deqiang Wang
51222	Application of the Fuzzy Image Processing Based on Wavelet optics	Li Bian
51690	Determining the Regularity of Bezier Curve and Surface by Grobner Bases method	Yaohui Li

Paper ID	Title	Author
52345	A Comparison of Pen Pressure and Tilt in Precision Parameter Manipulation	Yizhong Xin
51385	Analysis of Relationships Between Color and Emotion By Classification Based On Associations	Rui Ding
51178	Improved Wavelet Based Thresholding for Contrast Enhancement of Digital Mammograms	Walid Dabour
51722	Satellites Scheduling Algorithm Based on Dynamic Constraint Satisfaction Problem	Baolin Sun

Oral Session 3: Information Security & Embedded Programming

Chair: Dr. Elsje Scott, University of Cape Town, South-Africa

South Lake Room-III, 5th floor, Ramada Hotel

14:30 – 17:30, Saturday, December 13

Paper ID	Title	Author
50275	Trust Derivation and Transitivity in a Recommendation Trust Model	Lifen Li
50671	Anonymous Proxy Authorization Signature Scheme with Forward Security	Xuanwu Zhou
50818	Improved Data Hiding Method by Block Parity for Binary Images	Jin-Yong Byun
50846	A High Capacity Data Hiding Method using PVD and LSB	Ki-Jong Kim
51241	Chained Threshold Proxy Signature without and with Supervision	Zoe Jiang
51335	Understanding the Impact of Overlay Topologies on Peer-to-Peer Worm Propagation	Xiaofeng Nie
51653	An Eavesdropping Proof Secure Online Voting Model	Sanjay Saini
50945	Effective Pattern Representation for Safety Critical Embedded Systems	Ashraf Armoush
51244	GEMI: A High Performance and High Flexibility Memory Interface Architecture for Complex Embedded SOC	Hualong Zhao
51290	Sound-Specific Vibration Interface using Digital Signal Processing	Kyungkoo Jun

Oral Session 4: Software Engineering I

Chair: Prof.He Yanxiang, Wuhan University, China

West Lake Room, 5th floor, Ramada Hotel

14:30 – 17:30, Saturday, December 13

Paper ID	Title	Author
50089	A Coherent Object-Oriented (OO) Software Metric Framework Model: Software Engineering	Mingzhi Mao
50132	Mainframe Application Transition to SOA Environment Using CICS Service Flow Feature	Jianfeng Tang
50694	Reliability Growth of Open Source Software using Defect Analysis	Sharifah Mashita Syed Mohamad
50777	Teaching Model of Coding Standards Based on Evaluation Index System and Evaluating Platform	Yanqing Wang
50806	A Case Study on Call For Implementation	Weiping Li
50879	Applying Complex Network Method to Software Clustering	Guanqun Qian
51143	Evaluation of Requirements Analysis Progress Based on Chaos	Yiqiu Fang
51381	An Approach to Transforming UML Model to FSM Model for Automatic Testing	Xi Wang
51608	Towards a Unified Framework for Complexity Measurement in Aspect-Oriented Systems	Avadhesh Kumar
50624	Research on SOA based Framework of Collaborative Design System for Complicated Product	Chao Zhou
51800	A New Greedy Algorithm for VLSI Floorplan Optimization	Maolin Tang

Paper ID	Title	Author
51970	An Empirical Study on Software Reuse	Huzumi Nakano

Oral Session 5: Distributed and Parallel Computing & Embedded Programming

Chair: Dr. Herbert Schlangemann, Umeå University, Sweden

VIP Room, 5th floor, Ramada Hotel

14:30 – 17:30, Saturday, December 13

Paper ID	Title	Author
50647	A Novel Data Replication and Placement Scheme for Time-shifted TV Cluster	Ju-Chao Zhuo
51126	Dynamic Selection of Best Service in Semantic Web Service Community	Xuejuan Huang
51282	The Research on Dynamic Replication and Placement of File Using Dual-Threshold Dynamic File Migration Algorithm	Xiuyan Guo
51556	Retaining the semantics of data with the data	Conrad Mueller
51932	Research on the Runtime Behavior of Composite Soap Web Services under Transient Loads	Yuxuan Meng
52191	Simulation Based Parallel Genetic Algorithm to the Lockage Co-scheduling of the Three Gorges Project	Xiaopan Zhang
50390	Enhancing Pasifika Businesses Success With ICT	Kerese Manueli
52200	RTNoC: A Simulation Tool for Real-Time Communication Scheduling on Networks-on-Chips	Qingxu Deng
52294	The Design and Realization of Embedded Gateway Based on WSN	Ping Song
52489	Building A Smart University using RFID Technology	Aqeel-ur-Rehman
51833	Disputed Authorship in C program after Detection of Plagiarism	Jie Zhao

Oral Session 6: Database Technology

Chair: Dr. Helen Xiang, University of Hertfordshire, UK

Cangyu Ballroom, 3rd floor, Ramada Hotel

14:30 – 17:30, Saturday, December 13

Paper ID	Title	Author
50241	New Algorithm of Maximum Frequent Itemsets Based on FP-tree for Mining Multiple-level Association Rules	Peng Dong
50594	Image retrieval based on bit-plane distribution entropy	Zhao Shan
50829	A Bioinformatics-Inspired Adaptation to Ukkonen's Edit Distance Calculating Algorithm and Its Applicability Towards Distributed Data Mining	Bruce Johnson
51111	Mining Similarities for Clustering Web Video Clips	Shouqun Liu
51171	Reinforcing Records for Improving the Quality of Data Integration	Tiezheng Nie
51260	Research on Trending Variation Ratio Structure Sequence Mining Algorithm and Its Application	Hao Fei
51279	Diversity-based Load Shedding Strategy over Pattern Streams	Xin Wei
51533	Efficiently Filtering Duplicates over Distributed Data Streams	Xiaowei Wang
51967	A Novel Approach to the Similarity Analysis of Multivariate Time Series and Its Application in Hydrological Data Mining	Yue Long Zhu
51989	Semantics Based Multi-XML Query Algorithm	Bin Zhang
52005	Operator-Scheduling using Dynamic Chain for Continuous-query processing	Mahmoud Sami Soliman

Paper ID	Title	Author
52010	The Construction and Application of Product-form Semantic Space Based on PLSA	Dengkai Chen
52342	Hyperspectral Remote sensing Rock and Mineral Spectral Feature Mining Based on Rough Set Theory	Yunjun Zhan
51181	Architectural Principles of the "Streamonas" Data Stream Management System and Performance Evaluation Based on the Linear Road Benchmark	Panayiotis Michael
52470	A Grid-based Distributed Database Solution for Large Astronomy Datasets	Helen X Xiang

Oral Session 7: Collaborative and Group Learning & E-Learning and Knowledge Management

Chair: Dr. Chen Fang, Tsinghua University, China

South Lake Room-I, 5th floor, Ramada Hotel

08:30 – 11:30, Sunday, December 14

Paper ID	Title	Author
70261	Research on Grouping Strategy in Series Course Projects of Software Engineering	Yanqing Wang
70359	Lesson-preparing Innovation: A New Effective Approach on Implementing Collaborative Lesson-preparing Activities with in Eduwiki	Chaohua Gong
70397	JCLS: JXTA-based Collaborative Learning System	Zhenhua Wang
70584	Towards Criteria Based Allocation of Capstone Projects for an Enhanced Learning Experience	Yi-Chen Lan
70605	A Geospatial Wiki for m-Learning	Christian Safran
70724	Participatory Learning Activity Design Based on "Haokanbu"	Dan Tao
70173	ENGOnto: Integrated Multiple English Learning Ontology for Personalized Education	Fan Zhu
70204	RCR- A Novel Model for Effective Computer-Aided TCM (Traditional Chinese Medicine) Learning over the Web	Chi Sing Ng
70507	Three-dimensional static Animation of computation-intensive 3D-Algorithms	Ashraf Baker
70319	A Virtual Group Workspace for Rationale Sharing in Distributed Collaborative Learning Activities	Lu Xiao

Oral Session 8: Evaluating of Teaching and Learning Technologies & Socially Informed and Instructional Design

Chair: Dr. Zhang Pingchuan, Huazhong University of Science & Technology, China

South Lake Room-II, 5th floor, Ramada Hotel

08:30 – 11:30, Sunday, December 14

Paper ID	Title	Author
70162	Design and Effectiveness of Scientific Inquiry Learning Based on Campus Weather Station	Qingchao Ke
70373	A Case Study on Mobile Learning Implementation in Basic Education	Yong Liu
70468	JThreadSpy: a Tool for Improving the Effectiveness of Concurrent System Teaching and Learning	Giovanni Malnati
70685	Wireless Technology in Educational Institutes	Samad S. Kolahi
70753	Using IDEAS in teaching logic, lessons learned	Josje Lodder
70803	E-assessment of Mathematical Proofs: Chances and Challenges for Students and Tutors	Susanne Gruttmann
70145	Measuring Participation in Internet Supported Courses	Ian Douglas

Paper ID	Title	Author
70370	Cultivation of Talents with Creative and Scientific Thinking Guided by a Clear Principle of Running a School	Shusheng Gu
70761	Cultural Artefacts in Education: Analysis, Ontologies and Implementation	Craig Stewart
70785	A Case Study on Undergraduates' Informal Learning Supported by QQ	Hui Deng
70259	Preliminary Study on the Undergraduate Specialty Structure Adjustment of General University in China	Ting Hu

Oral Session 9: Learning Systems Platforms and Architectures & Modeling and representation

Chair: Prof.Chen Zixia, Zhejiang Gongshang University, China

South Lake Room-III, 5th floor, Ramada Hotel

08:30 – 11:30, Sunday, December 14

Paper ID	Title	Author
70449	Research on learning resource sharing system with ontology-based hierarchy semantic model	Yushun Li
70727	A Web 2.0 Based Computer Knowledge Learning Platform	Yuanxin Ouyang
70754	Dialog-Creator: A Semi-opened Learning Game for Pupils' Second Language Acquisition	Wenhao Li
70186	A New Method of Signal Processing in RFID system	Lifen Yuan
70540	Progressive Querying in Mobile GIS based on XML and Xquery	WenSheng Hu
70556	New-Knowledge-View based Ontology Cloud Model	Zhu Jiang
70564	Delay Variation Based Endpoint Admission Control in Diff Serv	Jihong Hao
70766	The Analysis, Design and Implementation of University Teachers Evaluation System Based on UML Technology	Zhiying Liu

Oral Session 10: Artificial Intelligence II

Chair: Dr.Chen Zhiyuan, The University of Nottingham, UK

West Lake Room, 5th floor, Ramada Hotel

08:30 – 11:30, Sunday, December 14

Paper ID	Title	Author
51287	Maximum-Likelihood Phone-Based Filter Parameter Optimization for Microphone Array Speech Recognition	Bahram Kouhi-Jelehkar
51443	Multiple Nests' Cooperation ACO Based Union-Intersection Operations	Jinbiao Wang
51649	Detection of transcription factor binding sites via motif clustering and matching	Li-fang Liu
51729	Aligning Overlapping Image Sequences by the Combination of Feature-Based and Direct Methods	Xiaoming Peng
51935	A Hybrid Data Mining and Case-Based Reasoning User Modeling System (HDCU) for Monitoring and Predicting of Blood Sugar Level	Zhiyuan Chen
52000	Novel adaptive hybrid Optimization (AHO) technique using biologically-inspired algorithms with FLC	Mahmoud Sami Soliman
52007	A Full- Reference Image Quality Assessment Algorithm Based on Haar Wavelet Transform	Guoli Ji
52177	Study on Preliminary Performance of Algorithms for Network Traffic Identification	Yongli Ma
52241	Adaptive Parameter Computing on Structure-Texture Image Decomposition	Murong Jiang

Paper ID	Title	Author
52265	Color-based 3D Model Classification using Hopfield Neural Network	Wei Wei
52284	An AIS-based Service Match Model	Lei Wang
52340	A Modified Particle Swarm Optimization with Adaptive Selection Operator and Mutation Operator	Jize Li
51330	Emotional Music Generation Using Interactive Genetic Algorithm	Hua Zhu

Oral Session 11: Software Engineering II

Chair: Dr.Mao Mingzhi, Sun Yat-sen University, China

VIP Room, 5th floor, Ramada Hotel

08:30 – 11:30, Sunday, December 14

Paper ID	Title	Author
51793	Mining Change Patterns in AspectJ Software Evolution	Yin Qian
51937	A Web Service Selecting Model Based on Measurable QoS Attributes of Client-Side	Shu-jia Wang
51980	Using conceptual model and reflection mechanism to resolve the structural conflict in AOP application	Chengwan He
52016	Eliciting a Retirement Process Model: Case Study 1	Mira kajko-Mattsson
52121	Formal Proof of Equivalence in Endomorphisms and Automorphisms over Strongly Connected Automata	Nazir Zafar
52137	Designing and verifying communication protocols using Model Driven Architecture and Spin model checker	Prabhu Shankar Kaliappan
52140	Automated Composition of Semantic Web Service using Data Mediator and Complete Backward Tree	Ruining Li
52261	A Software Size Measurement Model for Large-scale Business Applications	Jun Wu
52375	A Framework for Mobile Payment Consortia System (MPCS)	Britto Kumar
51568	A New CSP Operator for Optional Parallelism	Stefan Gruner

Part IV Poster Sessions

Poster Session 1: Artificial Intelligence

East Lake Ballroom, 5th floor, Ramada Hotel

14:30 – 15:50, Sunday Afternoon, December 14

Paper ID	Title	Author
50361	Prediction of protein-protein interaction sites using granularity computing of quotient space theory	Du Xiuquan
52008	Automatic Identification of Stop Words in Chinese Text Classification	Hao Lili
50401	Weighted Support Vector Machine Based Clustering Vector	Zhang Qilong
50422	Research on Intelligence - Psychology Test and Analysis System for Selecting Gymnasts	Yuechao Ding
50424	Vehicle Velocity Identification in a Operational System by Pattern Search Algorithm	Weiming Li
50753	An Online Modeling Method Based on Support Vector Machine	Shuzhou Wang
50768	Slant Correction of Vehicle License Plate Based on Feature Point and Principal Component Analysis	Shi Cheng
50772	Improving Noise Clustering Algorithm Using Ant Colony Optimization	Zahra Hajhashemi
50798	Research on case representation in printing machine fault diagnosis expert system based on case-based reasoning	Zhiqiang Yu
51105	Intelligent Pedagogical Agents for Intelligent Tutoring Systems	Yu Sun
51118	Distributed Knowledge Management Based on Extended Topic Maps	Huimin Lu
51230	Application of New Adaptive Higher Order Neural Networks in Data Mining	Shuxiang Xu
51286	A Speech Interaction System based on Finite State Machine for Service Robot	Yong Tao
51291	Automated Essay Scoring Using the KNN Algorithm	Bin Li
51314	Application of Transductive Inference SVM Based Relevant Documents Acquiring in Query-Biased Summarization	Fang Li
51550	A Wavelet-based Image Sharpening Algorithm	Ying Liu
51584	An Improved Architecture for Iterative Message Passing in MSBN	Karen Jin
51586	Solving Constrained Optimization via Dual Particle Swarm Optimization with Stochastic Ranking	Jian Li
51611	Text and Non-text Segmentation and Classification From Document Images	Zaidah Ibrahim
51699	Research on Background Reconstruction Based on Prediction and Filtering	Jinglei Tang
51850	Microprocessor Based Design of the Control Mechanism of Automatic Mail Sorting Machine	Md. Manzur Rahman
51864	Facial Expression Recognition of Pain in Neonates	Guanming Lu
51877	A Y-Star Robot: Optimal Design for the Specified Workspace	Yuehua Wan
51894	Research on Application for Color Matching in Textile Dyeing Based on Numerical Analysis	Bingsen Zhang
52053	Bayesian Task-Level Transfer Learning for Non-Linear Regression	Pei Yang
52057	Query-focused Multi-document Summarization Using Keyword Extraction	Tingting He
52154	Research on Non-interactive Literature-Based Knowledge Discovery	Yao Liu
52233	Multi-Document Summarization Based On Word Feature Mining	Meng Wang
52287	A Hybrid Multi-user Receiver Based on Parallel Interference Cancellation and Improved Genetic Algorithm	Lili Lin
52355	An Attribute Reduction Method based on Boolean Matrix	Yanhong Xie
52430	Clustering Auto-fluorescence Spectrogram Data for Colorectal Carcinoma	Zhifang Liao
52473	A Fuzzy Interactive Approach for Decentralized Bilevel Programming Problem with a Common Decision Variable	Wang Guangming

Paper ID	Title	Author
50024	Faster Progressive Wavelet Coding of Images	Cuixiang Zhong
50028	The Development of Data Acquisition Card in Power Quality Monitoring System Based on Embedded System	Zhou Lei
50034	Principle of Task-Timeout and its Application in Embedded Systems Design	Wu Yunping
50048	A Corner Model and Optimal Filter	Youfu Wu
50081	Analysis and refinement for flight control software of unmanned aerial vehicle	Liu Jiufu
51829	An Algorithm of Attribute Reduction Based on Rough Sets	Yan Huang
50144	An Improved Hypertension Prediction Model Based on RS and SVM in the Three Gorges Area	Zhang Guojun
50191	A Classification method of multispectral images which is based on Fuzzy SVM	Jing-hua Ma
50228	Application of Multi-agent in Intelligent Manufacturing System	Ligong Xue
50231	An Intelligent Digital Right Management System Based on Multi-agent	Quan Liu
50235	A Test of Artificial Neural Network-Based Gross Error Detection Used in Conversion of GPS Heights	Lingli Zhao
50243	An Optimizing Nesting Algorithm with Heuristic Search Based on Binary trees	Hua Ji
50251	Optimal PID Control of Self-Adapted Ant Colony Algorithm Based on Genetic Gene	Pei-Fu Peng
50263	Quantum-inspired Immune Memory Algorithm for Self-Structuring Antenna Optimization	Qiuyi Wu
50267	Color segmentation and part model matching for non-rigid objects tracking	Yong Wang
50301	Face Recognition Based on the Probability Support Vector Machines	Xiaoling Xiao
50322	Modeling Stamping Robot for CIMS Based on UML	Shi-Xiang Tian
50359	Pose parameter estimation and Shape Distance	Yong Tan
50367	Optimized Grey RBF Prediction Model Based on Genetic Algorithm	Jingling Yuan
50388	Weak Biosignal Processing Using Adaptive Wavelet Neural Network	Jiaoying Huang
50426	Application of Hybrid Genetic Algorithm-BP Neural Networks to Diagnosis of Lung Cancer	Hao Pan
50467	Hybrid-coding Binary Differential Evolution Algorithm with Application to 0-1 Knapsack Problems	Deng Changshou
50468	The Experimental Analyses and Improvement Discussion of a Hydraulic Sine Wave Generating Device	Yong Sang
50503	Recognition for the Banknotes Grade Based on CPN	Baiqing Sun
50512	Two Dimensions Simplex Evolution Algorithm	Xiao Hongfeng
50522	Classification for Power Quality Disturbances based on Cubic B-spline Wavelet and Decision Tree	Wen-Fang Huang
50551	The Identification Model of Magnetic Bearing Supporting System	Zhongcheng Yu
50600	A New Intelligent Model for Nonlinear Time Series Prediction	Guoshao Su
50604	Found on Artificial Neural Network and Genetic Algorithm Design the ASSEL Roll Profile	Chen Xi
50615	Multi-focus Image Fusion Based on Adaptive Features Matching	Bin Liao
50621	Deduction from Conditional Knowledge on Bayesian Networks with Interval Probability Parameters	Yong Li
50623	Local IMLDA and Its Improvements	Yongjun He
50634	Organizational Structure Adjustment of Agent Team Based on Task	Yanbin Zheng
50656	Pavement Distress Detection Based on Nonsampled Contourlet Transform	Chang-Xia Ma
50658	Research on an Optimized Method for Submarine Torpedo Attacking with Incomplete Information	Sun Zhufeng
50660	A New Palmprint Identification Technique Based on a Two & Stage Neural Network Classifier	Xiaoxu Cheng
50662	Intelligent Autonomous Agents on Fuzzy system	Hong-Yong Yang
50674	Genetic Algorithm based Optimization for Adaboost	Kai Yang
50681	A Semantic Vector Retrieval Model for Desktop Documents	Li Sheng
50685	Enhanced Locality Preserving Projections	Kezheng Lin
50692	Application of Entropy-based Markov Chains Data Fusion Technique in Fault Diagnosis	Xilin Zhao
50696	Research on Knowledge Sharing for the Semantic Peer-to-Peer System	Xiangyu Yu

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50708	An optimum design method for nonlinear system using an improved neural network	Miao Cai
50715	Research on Popular Words and Phrases Extraction of Network Base on PAT TREE	Baozhen Wu
50719	Predictive Control Model for Radiant Heating System Based on Neural Network	Hua Dong
50728	Improvement with Joint Rewards on Multi-agent Cooperative Reinforcement Learning	Ying Pan
50730	Camera Autocalibration from Kruppa's Equations Using Particle Swarm Optimization	Jiang Ze-Tao
50736	Analysis and Construction of the Cluster Innovation System's Dynamical Structure Model	Ying Zheng
50744	Description Logic-based Web Service Self-adaptation Strategy Representation	Hongmei Zhu
50750	Methodological Priority List for Unit Commitment Problem	TingFang Yang
50751	A Mathematics Morphology Based Algorithm of Obstacles Clustering	Qiang Zhang
50759	HMM-Based-Correlations in Infrared Remote-Image	Rui Yang
50769	Integration of a Novel Neural Network Algorithm and Kirkpatrick Model and Its Application in R&D Performance Evaluation	Fengshan Xiong
50770	Fuzzy Logic Control of Air Supply System in PEMFC for Electric Vehicles	Guoai Wei
50792	A Collaborative Production Planning Model for Multi-Agent Based Supply Chain	Quan Liu
50837	Research on visual invariance based on dynamic receptive field	Songshan Xiao
50882	Chinese Pronominal Anaphora Resolution Based on Conditional Random Fields	Fei Li
50890	Research on counting method of bus passenger flow based on kinematics of human body	Fang Zhu
50895	Realization of bidirectional A* algorithm based on the hierarchical thinking during the process of path planning	Hao Pan
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50965	A new criterion of global exponential robust stability of periodic solution for the static neural network with time-delays	Wang Yangfan
51034	Improved Dynamic Location Reference Method Agora-C Based On Rule Optimization	Xi Dai
51070	An Effective Method for Support Vectors Selection in Kernel Space	Chuan-Ting Wang
51092	The Topology and Motif Analysis of Journal Citation Networks	Wenchen Wu
51096	ECG Beats Classification Based on Ensemble Feature Composed of Independent Components and QRS Complex Width	Zhao Yong
51113	Context-Aware Active Task Discovery for Pervasive Computing	Runcaai Huang
51114	Research on Shape similarity and Shape Matching	Bin Liu
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51133	Application of Case-Based Reasoning for Traction Substation Design	Zhang Shuang
51144	An Exact Algorithm On Wavelet Moments For Glass-Image Recognition	Zheng Bin
51161	A New Approach of Dynamic Background Modeling for Surveillance Information	Dongfa Gao
51165	The Implementation of Analysis System of Vehicle Impact Based on Dynamic Image Sequence	Xiang Liu
51179	A New Criterion of Global Robust Stability for the Static Neural Network with Time-Delays	Wang Yangfan
51204	A Multi-Objective Evolutionary Algorithm Based on Riemann-Sphere	Sheng Peng
51218	An Improved Ant Colony Algorithm for VRPTW	Chengming Qi
51228	Study of Coupling Based on Genetic Neural Network Multivariable Nonlinear Complex System	Ruikun Gong
51229	Adaptive Control and Its Application in Robotic Roadheader	Junli Li

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51305	Minimum Distance Texture Classification of SAR Images in Contourlet Domain	Zhe Liu
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51326	Coastal Land Covers Classification of High-Resolution Images Based on Dempster-Shafer Evidence Theory	Changying Wang
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51405	Improved Simultaneous Perturbation Stochastic Approximation and Its Application in Reinforcement Learning	Huajun Zhang
51407	Research on alarm system in wireless network based on mining association rules	Zhen He
51415	Tunnel Three-Dimensional Modeling Research based on Digital Image Processing	Leng Biao
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51498	Application of the Elman Network and Synthetically Relational Analysis to Fault Diagnosis for Suction Fan	Hong Rao
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51607	Text Categorization Based on LDA and SVM	Ziqiang Wang
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51668	Study on Production Process Control of Virtual Organization in Small and Medium-sized Enterprises Based on Manufacturing Resource Workloads	Guofu Li
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51709	Deconvolution of the two-dimensional bar code based on binary constraint	Ningzhong Liu
51712	Design intelligent global terminal backstepping controller ithout derivation for a class of input constrained high-	Lei Jun-Wei
51716	Face Recognition Using Kernel-Based NPE	Ziqiang Wang
51723	Using oriented graph to discover Time-Interval Sequential Patterns	Li Wang
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51768	Feature Extraction in Ball Mill Pulverizing System Based on Multi-sensor Data Fusion	Jingcheng Wang
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51780	An Analysis of the Behavior of Original Discrete Binary Particle Swarm Optimization on Trap Functions	Xing Xu
51789	A Bio-Network Based Fault-Tolerant Architecture for Supervisory System	Qing Shao
51796	Reason on UML Diagrams with Answer Set Programming	Wenjun Deng

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51851	A novel approach to 2-D shape representation based on equilateral polygonal approximation	Wenjun Tan
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51887	Probabilistic Visual Tracking using Global and Local Object's Information	Lin Gao
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51905	A Semantic Paradigm to Integrate Customer Demands and Product Designs based on Model-Driven Architecture	Yi Yu
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51949	Automated Estimation of Vegetation Fraction Based on Landsat TM/ETM+ Imagery	Shengmei Yang
51997	Design and Simulation of Agent-oriented Intersection	Yun Wei
52003	Shadow Removal of Vehicles in a Video System Based on RGB Chroma Model	Xuehua Song
52020	Face Recognition Based on Sub-Image Feature Extraction and LS-SVM	Zhang Xinming
52046	The Research about Integration of Process Planning and Production Scheduling Based on Genetic Algorithm	Wang Zhanjie
52048	A Method of Self-Adaptive Inertia Weight for PSO	Chen Dong
52089	Segmentation Methods of Fruit Image and Comparative Experiments	Jianjun Yin
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52104	Fuzzy Control for Automatic Steering and Line Tracking of Agricultural Robot	Jianjun Zhou
52160	Genetic Algorithms for Optimization of Complex Nonlinear System	Chaohong Song
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52190	Complex Network Thinking in Software Engineering	Deyi Li
52198	License Plate Recognition Based on Genetic Algorithm	Ji-Yin Zhao
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52209	The Design and Implementation on Chinese E-commerce Semantic Lexicon ECNET	Guihua Nie
52219	A New Approach to Image Segmentation Based on Autonomous Development	Lingling Wang
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52244	A Novel Association Rule Decision Algorithm Based on Ant Colony Optimization Algorithm for Ball Mill Pulverizing System	Wenzhi Zhu
52246	An Algorithm for Collocation of Relation Word Based on P/T System	Sheng Xiao
52254	The Thermodynamic Particle Swarm Optimizer	Yu Wu
52304	A New Approach Encoding A Priori Information for Function Approximation	Fei Han
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52331	Based on KHA for Extraction of Shift Invariant Multiwavelet Features of Texture Images	Wang Yangfan
52333	Verify Consistency between Security Policy and Firewall Policy with Answer Set Programming	Yiwen Liang
52349	SGDE-GEP: A Novel Algorithm of GEP	Yu-Zhong Peng
52352	A Particle Swarm Approach for IEEE 802.16m System Scheduling	Feng Qiao
52403	A Method for Recognize Ship Target in SAR Imagery Using an AAM	Wang Juan
52429	Real-coded Quantum Evolutionary Algorithm based on Immune Theory for Multi-modal Optimization Problems	Xiaoming You

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52488	Text Document Clustering Based On The Modifying Relations	Tian Weixin
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52490	Task-based Language Teaching: from the Practical Perspective	Xu Jiangqin
51939	Contour Based Forest Fire Detection Using FFT and Wavelet	Jianhui Zhao
51942	Area-Oriented Reference Station Placement for Network RTK	Maolin Tang
50039	Use closure of relevant sets of attributes to efficiently find candidate keys	Hongbo Li

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East Lake Ballroom, 5th floor, Ramada Hotel

14:30 – 15:50, Sunday Afternoon, December 14

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50856	A Novel Reputation-based Trust Architecture for P2P E-Commerce Systems	Wei Zhou
51214	Virtual Duplication of Rigid Objects from Image Sequences	Kyungboo Jung
51215	Virtual Tactical Map with Tangible Augmented Reality Interface	Kyungboo Jung
51003	A Group-based Trust Metric for P2P Networks: Protection against Sybil Attack and Collusion	Wen Ji
51006	Sustained Online Duration-based Reputation Management for File-Sharing Peer-to-Peer Systems	Wen Ji
51022	The Common problems on the Peer-to-Peer Multicast Overlay Networks	Feng Yang
52182	Multi- rate QoS enabled NDMR for Mobile Ad Hoc Networks	Luo Liu
52469	Research and Application of Fault-tolerance Based on Watershed Model Grid Platform	Ling Shang
50119	Constructing A Fractal P2P Network	Rui Wang
50203	Interoperability Research of Heterogeneous GIS Based on Spatial Information Grid	Yu Sun
50255	The Anatomy of Weka4WS: A WSRF-enabled Toolkit for Distributed Data Mining on Grid	Zhao Zheng
50281	QoS matching offset algorithm based on trust-driven for computing grid	Ran Li
50627	Hierarchical Semantic Overlay Network	Zhixiao Wang
50710	Web Services Composition Method Based on OWL	Jike Ge
50752	Fast Cascading Replication Strategy for Data Grid	Xue-Dong Qi
50939	Building data grid for spatial information applications by meta-data adapters	Zhen-Chun Huang
51099	Effective Method for Moving Objects Detection on Sea Surface	Xiaozhu Xie
51299	HilbertChord:A Kind of Method for Managing Service Resources in P2P	Yichuan Shao
51357	A Framework for Engineering Structure Experiment and Simulation Grid	Long Hao
51455	An Identity-Based Authentication Model for Multi-Domain in Grid Environment	Wenbo Zhang
51494	Dynamic Replica Placement and Location Strategies for Data Grid	Gu Qingfan
51508	An Efficient and Minimum Sensitivity Cost Negotiation Strategy in Automated Trust Negotiation	Yan He
51592	An overall construction of SMIS in Chinese enterprises	Ruiyu Liu

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51816	A Numerical Simulation of Motion of Particles under the Wafer in CMP	Hao Zhang
51819	Distributed and Effective Reputation Mechanism in P2P Systems	Jianli Hu
51836	Probabilistic Route Mechanism of Considering Communication Time——PROPHETCCT	Xingfu Wang
51926	A measurement study of unstructured P2P overlay	Jiaqi Liu
52059	A Performance Comparison of Equation-Based and GAIMD Congestion Control in Mobile Ad Hoc Networks	Wei Sun
52146	A Distributed Cache Management Model for P2P VoD System	Weifang Liang
52311	Fault-Tolerant Routing for P2P System with Structured Topology	Lu Chuiwei
50767	The study of non-uniformity correction algorithm for IRFPA based on neural network	Yan Yi
50056	Network Traffic Prediction Based on Grey Neural Network Integrated Model	JianHua Cao
50516	Neural Network Demodulator for Frequency Shift Keying	Min Li
50534	Multi-Output Support Vector Machine Regression and Its Online Learning	Gensheng Hu
50605	The Application of Multi-layer Perception Networks in the Parameters Optimization of Stamping Forming Process	Fengli Huang
50608	Hopfield Neural Network Approach for Task Scheduling in a Grid Environment	Chengfei Wang
50632	Gray Compensating RBF Prediction Model Based on Structural Risk	Luo Zhong
50831	Study on Precision Positioning System of Two- Dimensional Platform Based on High-Speed and Large-Range	Chuan Yang
50836	Study on Intelligent Control of Two- Dimensional Precision Positioning System	Chuan Yang
51200	Global Exponential Synchronization for A Class of Delayed Chaotic Networks Using Partial System States	Jigui Jian
51273	Research and Improvement of Splitting Rule Extraction Data Mining Algorithm Based on Neural Networks	Luo Zhong
51319	An Image Compressing Algorithm Based on Classified Blocks with BP Neural Networks	Xianghong Tang
51351	An Electronic Tongue Based on Genetic Algorithm Improving BP Neural Network	Hong Men
51553	Image Blind Forensics Using Artificial Neural Network	Zhen Zhang
51680	BP Neural Network Model Based on Reconstruction Phase Space and Its Application in Runoff Forecasting	Xiuling Sun
51827	The Fluorescence Spectroscopy Recognition of the Mineral Oil Based on the Multiresolution Orthogonal Multiwavelet Neural Network	Jiangtao Lv
51839	A New Learning Algorithm Based On Trust Region Optimization Theory For Neural Networks	Yunsheng Liu
51842	Recognition of plants by leaves digital image and neural network	Pan JZ
51167	Research on Competitive Powers Evaluation of Chinese Construction Enterprises Based on DEA	Nansheng Pang
51848	Active Queue Management Based on Single Neural Adaptive PID Algorithm	Wei Tao
52222	ANN-Based Service Level Control in Cluster Supply Chain	Liu Chunling
52339	A Hybrid Evolutionary System for Designing Artificial Neural Networks	Li Li
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50395	A New Bi-cubic Triangular Gregory Patch	Zhiyi Zhang
51488	BIFI: Architectural Support for Information Flow Integrity Measurement	Hao Hu
50707	An Automatic Multi-view Point Cloud Merging Algorithm Used In Structured Light Measurement System	Xiang_Qian Che
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51638	Research on a New Fabric Defect Identification Method	Zhao Da-Xing
51924	Using Geographic Information System for Simulation and decision making in Blasting	Jiejun Huang
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50375	Accurate and efficient algorithm for the closest point on a parametric curve	Jinting Xu
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50709	An Approach for 3D Water Surface Simulation	Xiaojun Tan
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50921	A improved three-step search algorithm with Zero Detection and vector filter for motion estimation	Tao Luo
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51081	An improved digital watermarking algorithm for meaningful image	Ji-Xiang Ye
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51205	An Interactive Sketching Modeling System: Sketch3D	Guisheng Fang
51232	Spatio-Temporal Application for Collaborative Issues in Bioinformatics Datasets	Johan Mohamad Sharif
51240	A Level Set Method for Color Image Segmentation Based on Bayesian Classifier	Xu Jing
51275	Simulate Virtual Dress model Based on Six Pieces of Bezier Curved Surfaces	Liu Shang
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51373	An improved LOS method for implementing visibility analysis of 3D complex landscapes	Liu Liu
51545	Efficient parallel radiosity for terascale applications	Wang Riwei
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51627	Rapid Acquirement and Visualization of CityGML Documents	Lingli Zhao
51640	Application Research of Computer Vision in the Auto-calibration of Dial Gauges	Haiping Feng
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51845	A Comparative Study of the Anti-noise Ability about Cubic B-spline Wavelet and Canny Algorithm	Qing Li
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51860	2D Reconstruction of Laser Plasma Electron Density with FFT Method	Hongchao Zhang
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51975	CT Image Segmentation Based on Order Morphological Gradient Map and Improved Region Growing Arithmetic	Yanlei Xu
52013	Virtual-Reality Based Integrated Traffic Simulation for Urban Planning	Wang Chun
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52050	Simulation of Ground Surface Profile Based on Virtual Reality Technology	Chong Su
52082	A virtual object generation method based on image vector recognition	Dawei Chen
52097	Efficient occlusion query with occupancy proportion	Li Bo
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52176	A GIS Database Updating Algorithm Based on GPS Surveying Data	Chuanjun Li
51082	The Study of Driver Fatigue Monitor Algorithm Combined PERCLOS and AECS	Liyang Lang
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50240	Policy-Based Distributed Security Management Scheme in MIPv6	Tianhan Gao
50298	Research on Application of Reversible Digital Watermark algorithm	Ge Xiuhui
50408	A New Kind of Self-Certified Proxy Digital Signature Scheme	Youan Xiao
50536	Sequence analysis and anomaly detection of Web service composition	Cairong Yan
50649	Research on Application of Immune Digital Watermark Algorithm	Ge Xiuhui
50765	Application of an Improved Genetic Algorithm in Image Segmentation	Hui Lei
50859	Embedding in Two Least Significant Bits with Wet Paper Coding	Xin Liao
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51425	A decentralized Certification Authority Based on Real World Trust Relationships	Wu Jingjing
51552	A Novel Encryption Algorithm based on Shifting and Exchanging Rule of Bi-column Bi-row Circular Queue	Suli Wu
51561	A Trust Inspection Model Based on Society Behavior Similarity Rule in Dynamic Networks	Qiang Zhang
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51891	A Multi Way Tree for Token Based Authentication	Vipin M
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52188	A Fast Audio Digital Watermark Method Based on Counter-propagation Neural Networks	Zhou Xiaodong
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52218	Research on an Immune Mechanism Based Intelligent Spam Filter	Lei Wang
52235	A Role-based Automated Trust Negotiation and Authentication Design in Mobile Ad Hoc Networks	Qiang Zhang
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50140	A New Chaotic Image Scrambling Algorithm Based On Dynamic Twice Interval-division	Liu Xiangdong
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50208	A Study on the Design and Implementation of EPCIS Trust Model	Sun Jing
50260	Route Research on Critical Factors of Information Construction in Textile Machinery Manufacture Business-Taking Businesses of Shaanxi Province for Example	Lei Zhou
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50778	Study on MC-CDMA for Underwater Acoustic Networks	Jiemin Yan
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50839	Research and Design of one Key Agreement Scheme in Bluetooth	Haiyan Li
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51225	Assessment of Network Security Policy Based on Security Capability	Chenghua Tang
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51313	The Worm Propagation Model and Control Strategy Based on Distributed Honeynet	Narisa Zhao
51322	A Role-based Dynamic Authorization Model and its Implementation in PMI	Hui Xie
51428	An Algorithm for Generation of Attack Signatures Based on Sequences Alignment	Nan Li
51435	Public Key Homomorphism Based on Modified El Gamalin Real Domain	Liang Chen
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51452	Fingerprint Extraction of Executables Based on the Potential Field Graph of Callgraph	Fanchen Su
51509	Application of Protocol Macro in Baking Temperature Control System	Xiaoling Yang
51534	A Semi-fragile Watermarking Algorithm based on HVS Model and DWT	Yang Zhao
51560	Discrete Chaotic Encryption and Decryption of Digital Images	Dinghui Zhang
51575	Information security risk assessment method based on CORAS frame	Yong Qi
51637	The Design and Implementation of Ontology and Rules Based Knowledge Base for Transportation	Gang Cheng
51646	A Trusted Computing Technology Enabled Mobile Agent System	Zhidong Shen
51675	A Survey of Group Key Management	Bibo Jiang
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51846	An Immunity-Based Technical Research into Network Intrusion Detection	Ya-she Zhang
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51871	A Digital Image Scrambling Method Based on AES and Error-correcting Code	Hu Zhihua
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52225	A Semi-fragile Watermarking Tolerant of Laplacian sharpening	Jun Xiao
52245	Research on Dynamic Reputation Management Model Based on PageRank	Jue Wang
52276	Knowledge Management in Collaborative Design for Manufacture	Junming Hou
52278	A comparative Research of Robustness for Image Watermarking	Ming-Ming Xiao
52303	Combating TCP Based Attacks On Mobile Devices	Humphrey Njogu
52393	A Cluster Based Secure Cryptography for Sensor Networks	Zhi Zhang
52432	Mobile Banking Information Security and Protection Methods	Nie Jin
52454	GIS-based Inner Mongolia Grassland Fire Spread Simulation System	Hongye Yang
52459	A New Authentication Scheme Based on Verifiable Secret Sharing	Zhengfeng Hou
51361	Widest K-Shortest Paths Q-Routing: A New QoS Routing Algorithm in Telecommunication Networks	Alireza Esfahani

Poster Session 3: Information Technology in Education

East Lake Ballroom, 5th floor, Ramada Hotel

16:10 – 17:30, Sunday Afternoon, December 14

Paper ID	Title	Author
70161	A Distributed Model for Virtual Group Learning System	Zhao Wu
70183	Collaborative Learning Grouping Problem in Multi-Agent E-Learning Based on Rough Set	Fang Pan
70305	Wiki-based Collaborative Learning Activity Design: a case study	Binbin Zheng
70712	There Are No National Boundaries when Teaching Software Engineering	Mira kajko-Mattsson
70414	An Integration Framework based on metadata and identifier management for heterogeneous CMSs	Ning Sun
70550	An Analysis of Online Interaction Discourse in Knowledge Forum	Yanyan Li
70707	A Study of Video-on-Demand Learning System in E-Learning Platform	Ping Zhang
70583	Non-Invasive Collaboration Aids: Supporting Group Learning With Pervasive and Ambient Technologies	Sara Streng
70595	The Puppeteer - Directing Software Engineering Projects	Jesper Andersson
70607	A Phenomenographic Study into Conceptions of Social Relations in Online Collaborative Learning—Case Study of China Higher Education Learners	Zhenhong Zhang
70611	Reflection-in-action: Using Experience to Reconstruct Meaning in a Learning Environment	Elsje Scott
70699	The Piloting Researches on Collaborative Lesson-preparing based on Eduwiki Platform	Yueliang Zhou
70023	The Research of Plant Simulation Based on Improved Genetic Algorithms	Xiang Li
70024	Study on Cooperative Learning Model in Family Education for Children	Yuze Liu
70138	Study on Realizing Model of Organizational Learning and its Application	Xue Yongji
70165	A Study on the Relationships between Organizational Culture, Organizational Learning, Technological Innovation and Sustainable Competitive Advantage	Xie Weihong

Paper ID	Title	Author
70179	Application of Internet-Based Collaboration Model in Engineering Education: A Case Study	Wenfa Hu
70184	Research of Personal Absorptive Capacity of Knowledge based on Communities of Practice	Peng Wu
70188	Using Achievement-based Teaching Interventions in Network Security Course	Xiu-Juan Du
70291	Research of Collaborative Learning Platform Based on Blog Group	Bing Xu
70347	Collective Goal Orientation and Justice Climate on Team Learning	Yanghua Jin
70382	Research on the Modes of the Web-based Collaborative Learning Based on Concept Map	Yuan Gao
70439	A Case Study of Collaborative Education based on Building Information Model	Wenfa Hu
70480	A Study on Modeling of Multi-Agent Collaboration in Virtual Enterprise based on Extended UML	Zibin Jiang
70490	Experimental Research on Collaborative Learning in Non-major CET	Hong Zhou
70580	Adaptive Spectrum Selection for Cognitive Radio Networks	Xiaoyan Yang
70587	Study on the Design of the Mechanism of Thematic Games In Game-Based Networked Learning Community	Rui Gu
70613	Distributive Justice and Cooperation in a Public Good Dilemma	Chang-Jiang Liu
70633	Personalized Recommendation Learning algorithm for Civil Engineering Curriculum	Ming Chen
70638	Collaborative Research-Based Learning under the Network Environment	Hai Wang
70692	Redesigning University Library: Group Learning Environment	Jian-ping Liu
70773	A Universal Extensible Architecture for Algorithm Visualisation Systems	Ashraf Baker
70704	An innovative web-based collaborative learning model and application structure	Xinhua He
70762	Investigation of interactive teaching mode based on network	Li Tianyi
70770	A Study on Evaluation Model of Information Sharing Quality in Virtual Teams	Yijian Liu
70784	Research on Management of Ship Concurrent Collaborative Design based on PDM	Shaojuan Su
70181	A Web-Based Personalized Intelligent Tutoring System	Zhiping Li
70233	6W-based Learning: Facilitating Learner to Achieve Goals	Xiaozhao Deng
70238	Teachers' Conceptions of E-Learning in Chinese Higher Education: Findings of Phenomenographic Study	Jianhua Zhao
70466	Research and Design of Web-based E-Learning System	Huandong Chen
70609	Managing Quality Improvement of Learning in a Campus-Based University: Actions for Blending, Monitoring and Tutoring Traditional Learning Activities	Elena Caldirola
70695	Visualization of Tag Sequence	Chao Wu
70700	The Application and Practice of LAMS in Experimental Teaching of Modern Education Technology Course	Jiumin Yang
70764	Exploring the Use of Ontologies in Creating Learning Platforms: HIV and AIDS Education at A South African University	Lorenzo Dalvit
70048	Organizational E-Learning Strategies for Technical and Vocational Education and Training (TVET) in Sub-Saharan Africa	Athanase Ndiokubwayo
70082	Economic Analysis and Application Practice of Outsourcing of Human Resources Management	Jianhua Dai
70148	Research and Practice of Internet-Based Intelligent Tutoring Platform for Science Teaching	Zheng Rong
70189	Blended Learning Design for Software Engineering Course Design	Yongxing Wang
70193	The Research on Affecting Factors of E-learning Training Effect	Yuanjian Qin
70230	Dynamic Game Analysis on Knowledge-Sharing and Knowledge-Spillover in Competitive Alliances	Wang Ming-Xian
70335	A Material-Framework-Object Model for Learning Material Management	Yang Yang
70360	A Mandarin E-learning System based on Pervasive Environment	Yue Ming
70362	On The Basis of The Generated Foundation of Blended E_learning ---Transcendence and Integration	Dakuo He
70366	E-Learning and Innovation Cultivation	Jianhui Wang
70375	Research on Agile Innovation of Modern Service Company Based on E-learning	Yuanjian Qin
70377	Application of Knowledge Management in Online Collaborative Lesson Preparation	Zhen Jiao

Paper ID	Title	Author
70410	An ontology-based model for tags mapping and management	Na Zhao
70422	Knowledge Management based on Two-dimensional Synthesize Method in enterprise	Hua Ji
70433	Application Research on Value Engineering in Link Chain Enterprise	Jun Xu
70516	The Development of Ontology-Based Course for Computer Networks	Ling Jiang
70517	Research and Realization of Drawing and Document Management System for Small and Medium-Sized Mechanical Manufacturing Enterprises	Yang H.X.
70582	E-learning: The New Approach for Knowledge Management (KM)	Zeng Chunhua
70590	Research on Dynamic Time Evaluation of Service Procedure and Task Scheduling	Bing Li
70608	Research on the Sharing E-Learning Based on SOA and Semantic Web Architecture	Lan Huang
70636	Design and Implementation of E-Learning Performance Evaluation System	Dali Hu
70647	Research on Organizational Knowledge Conversion	Hongbing Zhang
70681	Extracting Content from Web Pages Based on RSS	Qingcheng Li
70713	The impact of values and leadership on knowledge integration behaviors in medical project teams	Peng-cheng Zhang
70736	Research on E-business Model of Distance Education	Guoling Lao
70739	Analysis on the Coupling between E-learning and Lifelong Learning	Dali Hu
70777	The Integrative Model of CIO Lateral Influence Behavior, Peer's Trust and Peer's Commitment	Yunfeng Wang
70796	A video watermarking scheme based on motion vectors and mode selection	Pei Wang
70812	Influence of Undergraduate Students' Self-Efficacy on Knowledge Sharing in Learning Virtual Community: An Empirical Study	Chen Pang
70122	Evaluation of user satisfaction in Center of eLearning-university	Elnaz Ketabchi
70257	An AHP-based Evaluation Index System of Coding Standards	Yanqing Wang
70279	Reviews on Well-known Evaluation Norms of Web-based Courses	Yan Dong
70342	The Application of Event Studies in Evaluation of Teaching Quality	Xiaoguang Liu
70542	Assessment in Blended Learning: A Framework for Design and Implementation	Qingchao Ke
70630	Study on Selection Model of CPC System Partner in execution and education	Zhiguang Zhu
70644	An Empirical Research on Relationship between Information Technology Capability and Firm Performance: the Evidence from the Listed Companies and Informatization Power 500 in China	Xinhua Bi
70690	The Teaching Method Research of Electronic Major Courses Based on Software of System View	Taihua Wang
70798	TSSC Performance Prediction Based on PSO-NN	Bin Peng
70089	Study on Approach of Software Maintenance Based on Ontology Evolution	Song Huanhuan
70104	Project -Driven Teaching Model for Software Project Management Course	Longjun Huang
70120	The Credit Mechanism Loss with the Development of E-commerce	Zhang Yihua
70166	Study of the Student Learning Model on Distance Teaching	Xin Huang
70177	The Multimedia Teaching System Based on Infrared Remote-Control Signal Decoder	Wan Chaodong
70235	On Teaching Practice of Computer English	Tieying Zhu
70243	Innovating the Way of ICT in Education Based on IMS Learning Design	Miao-miao Zeng
70245	Study on the new mode of CAI	Yong-min Liu
70294	Research of Multisim in the Experiment Teaching	Wei Liao
70295	Bearing Fault Diagnosis Based on Feature Weighted FCM Cluster Analysis	Wentao Sui
70334	A Large Scale Distance Learning System for IPv6/IPv4 Hybrid Environment	Zhiwen Wang
70402	Uploading Strategy of the Formula in the Web-based Mathematics Testing System	Yue-sheng Gu
70673	The Application of GPS/GIS Navigation and positioning System in Cross-country Orienteering	Tan Zhihua
70767	Discussion about an Undergraduate Course on Software Architecture	Xudong Li

Paper ID	Title	Author
70778	Optimization Electrical Engineering Teaching Utilize Multimedia Courseware	Sun Jing
70254	Development of Paper-cut Animation for M-learning from Cultural Perspective	Jingfu Liu
70523	Red or Blue? The Importance of Digital Literacy in African Rural Communities	Hannah Slay
70616	Experiences in Collaboration with Intel Corporation in Embedded Education	Wei Hu
70617	Model Curriculum Construction of Embedded System in Zhejiang University	Tianzhou Chen
70098	Mobile Enhanced Learning: Application Model and Practice	Qing Li
70178	Towards a Question-Driven Teaching Method for Software Testing Course	Chengying Mao
70217	Profit-Sharing as a Catalyst for Recognition of Oil Company Employees in Ecuador	Eduardo Cevallos
70440	Supporting Distance Users of Mobile Learning Technology	Yong Liu
70772	The Exploration and Practice of Talents Foster Mode about Information Science in Country-oriented Information-based Strategy	Shuying Zhao
70795	Study on educational informatization and the construction and development of learning society	Huaping Gong
70146	An Innovative Model of Mobile Education Application--The Research and Implement of "Palmtop Learning Mate"	Qian Fu
70199	Research on Multi-functional Teaching Activities Platform	Yuechao Ding
70226	TV Educational Program Unit Generation	Mahmoud Hossny
70340	Ontology and Metadata fore-Learning Based on Grid	Luo Zhong
70426	Design and Development of Mobile Client Supporting Multiple Terminals Access	Huaicheng Tang
70427	Sketch Recognition based Intelligent Whiteboard Teaching System	Zhenming Yuan
70429	Experimental Monitoring and Dispatching System for Logistics Distribution	Xuping Wang
70487	Research on Application of S-ID System in Logistics Laboratory	Zixia Chen
70619	The Self-adaptive Framework of Learning Object Based on Context	Jiuxin Cao
70266	The Effect of Virtual Community Culture and Group Cohesion on Knowledge Sharing: A Case Study of Professional Virtual Community	Ming Chen
70634	Online Programming Experience Platform for Multicore Curriculum	Qingsong Shi
70679	Ontology-based Learning Resource Dynamic Generation with Learning Goal	Guangzuo Cui
70115	Research on Mobile Learning Platform with Device Adapting Ability Based on Agent	Li Jing
70176	Search and Replication in a Hybrid Topology Architecture Based on RP(k)	Naiwen Liu
70292	Personalized Learning System based on Solomon Learning Style	Meiling Liu
70293	SAML Based Unified Access Control Model for Inter-Platform Educational Resources	Chaowang Shang
70303	Blended learning in computer hardware course education	Xie Jian-Jun
70310	Upgrading the User Experience of Digital Library	Zhonghua Deng
70333	The Distance Education System Based on VRML	Hongzhen Xu
70348	Research of Metadata Based Digital Educational Resource Sharing	Shuming Li
70372	Design and Realization of Network Teaching Platform Based on E-Learning	Yumei Kang
70383	An Assessment Tool for Assessmbly Language Programming	Mu Lingling
70395	An Interactive Teaching Software Based on Plug-in for Statistical Signal Processing	Jian Zhang
70409	Multithreaded optimizing technique for dynamic binary translator CrossBit	Haibing Guan
70420	Research on the Design of the Ontology-based Automatic Question Answering System	Bo Wang
70444	Construction of e-learning platform	Wu Yiqiang
70554	Design and Realization of High-reliability Courses Selection System Based on Mainframe	Kun Lu
70575	Design and Application of Multi-Layered Foreign Language Network Teaching Resource Platform	Li Tian

Paper ID	Title	Author
70646	Construction of Experiment Platform of Hydraulic Transmission Virtual Disassembly and Assembly Based on Web	Meng Zhang
70659	Designing and implementing the E-learning system	Zhijun Rong
70680	Case Study Method of Teaching under Web-based Learning Environment	Bo Xu
70682	Learning Resources Recommendation System Based on Education Blog	Liu Liquan
70697	Capacity-building oriented of construction and practice of the electrical information professionals computer courses	Kuangrong Hao
70730	Emerging Web Based Learning Systems and Scalability Issues	Bilal Zaka
70731	A Self-adjusting Course Caching System in Field of Mobile Learning	Jianhua Wang
70744	A New E-Learning System: Design and Implementation	Eryou Wei
70755	Web-based Subject Learning Platform of the University Library	Jianping Liu
70763	A Speaking Rate Adjustable Digital Speech Repeater for Listening Comprehension in Second-Language Learning	Hongwu Yang
70769	Research on Robotic Education Based on LEGO Bricks	Shuying Zhao
70771	Research on Robotic Popular Science System Based on LEGO Bricks	Shuying Zhao
70071	Towards the Simulation of E-Commerce	Herbert Schlangemann
70139	Vertical Rolling Mill's Twist Vibration	Lingqi Meng
70252	Empirical Research on the Evaluation Model of Distance Education Based on the gray and rough set theory in China	Changjian Fu
70267	Intelligent Search Agents for Web-based Intelligent Tutoring Systems	Yu Sun
70309	The Application of Ontology Model in Intelligent Tutoring System	Zhihong Tan
70446	A Participatory Approach to the Formulation of an Information and Communication Technology Policy: A Q-methodology Case Study	Thirusellvan Vandeyar
70544	Data Transmission Performance of MIMO Precoding Over Ricean Fading Channels	Yubin Shao
70546	Event Relationship Analysis Based on Formal Concept Analysis	Huilai Zhi
70001	Study on Imaging Algorithm of Missile-Borne MMW	Junxian Li
70167	Study the Model of LOM based on RDF in Grid	Yan Ma
70219	Research on prediction of barycenter moving of urban cluster based on coordinate segregation and Genetic Algorithm	Xinyun Li
70220	Research on prediction method to natural disaster based on genetic algorithm	Xinyun Li
70264	Research into Teaching Method Reform of Data Structure Curriculum	Xiao Ding
70278	Personalized Information Retrieval Model Based on User Interests	Hao Chen
70339	Semantic WEB Service Discovery Search with Ontology Learning	Bo Zhou
70361	Research on Experimental Teaching Patterns Based on E-Learning	Lin Xu
70394	Availability Analytical Model for Web Services of an E-learning Development Platform	Minghua Jiang
70454	Design and Research of WebQuest Teaching System Model Based on Multi-Agent	Li Tian
70505	A New Teaching Model -- Project-Oriented and Interscholastic Collaboration	Lei Gang
70513	Study on Modelling of the Product Design Knowledge Based on Functional Feature Partition	Jun Hong
70529	The study on vibration of drill string of ERW	Chunjie Han
70531	The Study of Fuel Cell Car Powertrain Mounting System Design Using Matlab and ADAMS	Qiang Zhang
70547	Links Optimization for Resource-Constrained Project Scheduling	Wanan Cui
70548	Robustness in Resource Constrained Project Scheduling	Wanan Cui
70549	Links analysis in resource constrained projects	Wanan Cui

Paper ID	Title	Author
70565	Static Power Optimization for CMOS Combinational Circuit Based on Bacterial Colony Chemotaxis Algorithm	Yue Chi
70571	The Formal Model of Artificial Classroom for Classroom Behavior Dynamics	Zhao Chunxiao
70593	Critical Sequence Optimization under Adjustable Resource-Constrained Project Scheduling	Wanan Cui
70645	The Calculation of Contribution Rate of Education to the Regional Core Competence	Hongzhuan Chen
70664	Exchange Rates Forecasting with Least Squares Support Vector Machine	Lixia Liu
70686	Fuzzy-neural networks control system Modeling based on extension decision strategy generation mechanism	Luxin Tang
70805	Improved Iteratively Detected Receiver for Serially Concatenated Continuous Phase Modulation over ISI channels	Xiumin Zhang
70809	Primary Research on the Combination of College English Teaching and the ESP in Software Department	Chen Haiyuan
70072	Design and Implementation of an Intelligent System for Educational-Game Resource Discovery	Zhang Hui
70308	Research on Potential Peer Interaction in the e-Learning Context	Yanlin Zheng
70336	Research on Ubiquitous Learning Environment Design	Luyi Li
70722	Implementation of Problem-Based and Hybrid X Learning in Computer Science	Hua Li
70108	Exploration of Chinese Website Accessibility Evaluation Model	Sun Zhenxiang Sun
70111	Some Misunderstandings and Reflections on Multi-media CAI	Peihe Tang
70158	A Multi-domain Motion Vectors Prediction Method for Spatial Scalability	Chengdong Lan
70163	Automatic Image Registration Based on Natural Characteristic Points and Global Homography	Xiaohua Wang
70228	Computer Forensics Tertiary Education in Australia	Ewa Huebner
70258	A Novel Encoding Method for Ideal Contrast Visual Secret Sharing Schemes with Reversing	Haibo Zhang
70262	The Ideas of Learning with Technology: Contributions of Patrick Suppes to Computers and Education	Dong Wen
70277	Data Flow-Based Software Testing	Jiang Derong
70282	Research and Design of RFID Data Processing Model Based on Complex Event Processing	Guangming Wang
70297	Research on the Evolution Dynamic Mechanisms and Endogenous of Social Capital in the Industrial Clusters	Jianfeng Chen
70315	Research on the Reformation of Information Literacy Cultivation in Colleges and Universities Based on the E-learning	Yunhong Li
70389	Design of Online Automatic Assessment	Ying Xu
70390	Influence of Information Technology on Information Resource Management Education	Deng Shengli
70396	To Accelerate the Establishment of IT Practical Teaching Teams and the Environment in Colleges and Universities	Kanglin Gao
70469	Application of Fuzzy Automata to Fuzzy Signal Processing	QingE Wu
70475	Retrieval Based on Indexing for Compressed Domain	Fan Ce
70491	The Basic Research of Human Factor Analysis Based on Knowledge in Software Engineering	Yanyan Zheng
70501	Research of Transmission Parameters of Four-conductor Cables for Power Line Communication	Mengcong Tang
70534	Congestion Avoidance and Control Mechanism for Multi-paths Routing in WSN	Jizan Zhang
70555	Design of Examination Paper Generating System from Item Bank by Using Genetic Algorithm	Wei Huang
70562	Design and Implementation of 21CMA Data Processing and Monitoring System Based on SMP Cluster	Yi-zhong Ma
70568	The study of face recognition based on the large samples	Liu Xia
70579	Research of Business Transaction Process in SOA Environment	Guangyan Lin
70631	Store SVG Document in ORDBMS	Gao Jinfeng
70675	A Steganographic Algorithm for JPEG2000 Image	Hai-ying Gao
70696	An Efficient Algorithm for Skew-Correction of Document Image Based on Cyclostyle Matching	Junjuan Liang
70708	A Fuzzy Comprehensive Quality Evaluation for the Digitizing Software of Ethnic Antiquarian Resources	Li Ying-Xing

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70710	Analysis of Restrain Detenninants of EV Industrialization Based on the Diamond System	Xiang Fu
70711	Voting Agreement Based Trust Model For Peer-to-Peer E-commerce	Wang Yu
70726	Application of XTR Public Key System in Certificate Authority System	Chaoju Hu
70751	An Interoperable Learning Sequencing Model Based on the Flow Control Object	Ren-Quan Yan
70758	A novel access authentication scheme based on ECC for 3G-WLAN Interworking Network	Hou Huifang
70759	User Authentication based on Trusted Computing and CPK for Mobile Terminal in HWN	Hou Houfang
70810	Aperspective of Applying Autonomia to Content Filtering at Network	JianGang Tang
70149	Design and Evaluation of a Collaborative Learning Environment	Qiyun Wang
70237	A Tightly Controlled Study into the Efficacy of Technology Enhanced Learning	Stanley Jeffers
70749	Teaching Research on Data Structure Based on Knowledge Structure	Zhu Jia-Yi

Poster Session 4: Software Engineering, Distributed and Parallel Computing, Embedded Programming and Database Technology

East Lake Ballroom, 5th floor, Ramada Hotel

16:10 – 17:30, Sunday Afternoon, December 14

Paper ID	Title	Author
50362	Design and Implementation of ISO Document Management System	Li Sui
50456	Program Normalization for Removing Code Variations	Tiantian Wang
50525	The SLAI Methodology: An Aspect-Oriented Requirement Identification Process	Caroline Budwell
50549	A Replay-Oriented Software Architecture for Easy Debugging	Chunhan Wu
50673	A Software Framework for Online Mobile Games	Chong-wei Xu
50904	Prediction for Long Range Bursty Traffic	Yong Wen
50717	A Conceptual Model for Capturing Stakeholders' Wish List	Vasundhara Kulkarni
51849	Tension Measurement System of Oil Based on Embedded System	Jingwen Tian
50731	Research on Aircraft Manufacturing Process Data Management System Oriented 2D-PLM	Xiaoliang Jia
50823	A Scheme to Aid Construction of Left-Hand Sides of Axioms in Algebraic Specifications for Object-Oriented Program Testing	Huo Yan Chen
50830	Platform of Rich Internet Application for Wireless Sensor Network	Kim Hoon
50840	Quality Assurance of Peer Code Review Process: A Web-based MIS	Yanqing Wang
50961	Domain Model Evolutionary Approach based on Semantic Association	Peng Rong
50983	Analysis of the Subsume Relation Between Software Architecture Testing Criteria	Lijun Lun
51011	Is Non Technical Person a Better Software Project Manager?	Zunera Jalil
51077	A study on Java Virtual Machine for Real-time embedded systems	Vinh Quang La
51097	Evaluation of Agent Oriented Requirements Engineering Frameworks	Yogesh Singh Singh
51128	Using Propositional Calculas to Accurately Structure Control-Flow from Binary Executables	Jingbo Zhang
51130	Formal Abstraction of Semantics for Detecting Malicious Code	Jingbo Zhang
50365	The Research about the Application of Data Mining Technology Based on SLIG in the CRM	Zheng Shiming
51208	Optimal Testing Resource Allocation for Modular Software Based on a Software Reliability Growth Model: a Dynamic Programming Approach	M.G.M. Khan
51333	Decision Support for Handling Gaps between ERP functionalities and Organizational Needs: A Goal Reasoning based approach	Juntao Gao

Paper ID	Title	Author
50866	The Application of the Relative Entropy Density Divergence in Intrusion Detection Models	Chunfu Jia
52178	A Domain Engineering Approach for the Development of Tendering E-marketplace Applications	Abraham Nieva de la Hidalga
51468	Extending FCD Process to Support COTS Selection	Jinfang Sheng
51472	Assure Parallel Interference Patterns in Multithreaded Programs with Permissions	Yang Zhao
51482	Order Constraints for Multi-view Software Process Model	Jidong Ge
52105	Towards Multi-Dimensional Separating of NFRs in Software Architecture	Pu yunming
51567	Ansys Second Development Method and Application in Transient thermal simulation	Tao Zhang
51636	Simulation for Constrained Optimization of Inventory System by Using Arena and OptQuest	Jie Wan
51748	A Framework of Reflective Mechanism for Supporting OWL-S Requirements Specifications Evolution	Jun-Feng Yao
51929	Investigation into Requirements Management Practices in the Malaysian Software Industry	Azida Zainol
52068	Design And Study Of Distribution Map Of A General Architecture For Wireless Sensor Networks Based On GDI+	Guiling Sun
52139	A QoS evaluation algorithm for web service ranking based on Artificial Neural Network	Luyi Guo
52166	Combining Model Checking and Testing for Software Analysis	Jianguo Chen
52257	WSDL-Based Automated Test Data Generation for Web Service	Chunyan Ma
52292	From Knowing Nothing to Knowing a Little : Experiences Gained from Process Improvement in a Start-up Company	Mira ajko-Mattsson
52402	Information Integration Architecture of Risk Management for RoHS	Dah-Chuan Gong
52421	Comparison of Software Specification Methods using a Case Study:ABM System	Munina Yusufu
52433	Investigation on Academic Research Software Development	Dapeng Liu
52460	Automatic Generation of Testing Environments for Web Applications	Seung Hak Kuk
50090	An Application of Vertex Partition for Parallel Test Tasks Scheduling in Automatic Test System	Xun Xiao
50096	Model Design & Implementation for Multifarious Business Rule Engineer Cooperation	Wang chengliang
50105	Research on the Web GIS Technology Based on MapXtreme	Jingzhong Wang
50147	A Balancing Model between Structural Testing and Functional Testing	Yunming Pu
50162	Use Castle IoC to Implement Privilege Service	Xiaoyu Feng
50216	Based on the AOP of the Web log of the Universal Design and Implementation	Guo-feng Wu
50222	Development of an Improved GUI Automation Test System Based on Event-flow Graph	Yongzhong Lu
50247	Software Productivity Analysis with CSBSG Data Set	Hao Wang
50319	Research on Service-oriented Framework of Interface Prototype Driven Development	Huigui Rong
50378	Approach on Aspect-Oriented Software Reverse Engineering at Requirements Level	Yang Su
50399	Facet Description and Searching of Component Resource	Wang Shun-Yan
50436	A New Formal Modeling Approach for Requirement	Zhongyu Chen
50447	Research On Layering Algorithm of DAGs	Tang Hai
50494	Design and Implementation of an Intelligent User-Manual Maker System	Ruigang Zhang
50579	Technology and Realization of Developing Monitoring Software Based on Multi-Application's Cooperation	Shi-jian Deng
50625	Cost model based on software-process and Process Oriented Cost System	Hongtao Chen
50636	Extracting Prime Business Rules from large legacy system	Wang Cheng-Liang
50641	Counterexample Generation for Probabilistic Timed Automata Model Checking	Zhang Junhua
50652	Analysis of the Virtual Enterprise Partner Selection Based on Multi-Agent System	Zunqi Yang
50678	XQC: A Compiler for XQuery	Fei Yuan
50697	Fault Tree Based Prediction of Software Systems Safety	Juan Li

Paper ID	Title	Author
50712	A composite stochastic process model for software reliability	Yanyan Zheng
50803	Research on Simulation Service Ontology and its Matchmaking Model	Lili Song
50838	The Research on the Modeling Transformation From GBMS to jBPM	Liu Peng
50847	Platform Maintenance Process for Software Quality Assurance in Product line	Jong-Sung Dong
50849	Research on interface automata testing	Liangming Li
50851	A Verifying Method of Controller Synthesis	Li Wei
50854	Lean Implementations of Software Testing Tools Using XML Representations of Source Codes	Yu Xia Sun
50860	Information push technology and Its application in network control system	Jun-Man Sun
50884	A Web-App Auto-Testing System based on Test-Flow	Xin Jin
50885	Extend OWL-S Dynamic Semantics with Rewrite Logic	Ning Huang
50903	Image Matching for Geomorphic Measurement Based on SIFT and RANSAC Methods	Wang Wei
50915	Using Symbolic Execution in Embedded Software Testing	Hong Yu
50944	Interpretation, Transformation and Model Checking of Semi-formal Diagram Notations	Min Jiang
51012	A Static Analysis Approach for Automatic Generating Test Cases for Web Applications	Minghui Wang
51017	Research on Modeling Traversing Features in Concurrent Software System	Yang SU
51038	Dynamic Properties of Enterprise Information System Based on Formal Representation	Chaogai Xue
51106	Coordination Framework Based Software Development Approach and Its Applications	Chengyao Wang
51141	Methodology for Reliability Evaluation of N-Version Programming Software Fault Tolerance System	Xin Liu
51149	An Optimal Scheduling Algorithm for Vehicular Application Specific Operating Systems	Yuan Sun
51160	Kernel: A RDB-Based Object Persistence Component Set for Java	Hao Liu
51180	Attribute-Driven Design of MDX Compiler	Pingjian Zhang
51197	Design of Program Mining System Framework for Active Service	Zhong Luo
51298	Design and Implementation of Integrated Services Switch Simulation Model based on ATM-MPLS	Cheng Anchao
51348	Multi-granularity Object-Oriented Software Estimation Model and Tools: Software Engineering	Mingzhi Mao
51355	Using Formal Methods to Design a Class Scheduling System	Jun Yu
51382	An Approach of Tailoring Binary Component	Xiaofeng Zhou
51384	Extended Directional Graph Based Description Approach on Web Service Composition Relationship	Xiaofeng Zhou
51398	Fast Design and Construction for Network Application Solution Based on .Net 3.5 Framework	Huazhu Song
51426	Network System Model-Based Multi-level Policy Generation and Representation	Bei Wu
51431	Policy Monitoring and A Finite State Automata Model	Jun Peng
51459	A Plugin-Based Software Production Line Integrated Framework	Jun Zhu
51500	An Improved AETG Test Suite Optimization Method Based on Regressing Test Model	Kewen Li
51504	Applying Double Process Models for Verification in CMMI	Wenjie Luo
51515	Timed Component-Interaction Automata for Specification and Verification of Real-Time Reactive Systems	Yangli Jia
51527	An Efficient Extension of Earley's Algorithm for Parsing Multidimensional Structures	Xu Hongxia
51554	Embedded Robust Control Real-Time Scheduling	Bing Du
51555	Selection Mechanism of Composite Web Services Based on Usability	Zhengdong Zhu
51570	Culturalization of Software Architecture: Issues and Challenges	Sameer Abufardeh
51590	Design and Implementation of Spatial Information Grid System	Chunying Yu
51688	A new design of AAA client for integrated access based on Embedded Linux	Cheng Wan
51703	Design of Boot Loader with Multiple Communication Port	Ke Pei
51731	An Information System Model Based on Enterprise Intelligence Component	Rui Fan
51818	Design of Unit Fault Diagnosis System Software Based on Artificial Immune System	Qinghua Zhang

Paper ID	Title	Author
51834	The Virtual Automotive Paint Shop	Song Cheng
51875	Towards a Software Integration Framework in Product Collaborative Design Environment	Pengfei Zeng
51879	A Study of Transient Temperature Measuring System Based on LabVIEW for Droplets	Lin Xinmei
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52117	A Scripting Control Integration Strategy Based on Task-Reduction Method	Hua Xing
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52270	Research on CGF Entity Model Based on Factory Mechanism	Yuan Zhang
52321	Considering the Dependency of Fault Detection and Correction in Software Reliability Modeling	Yanjun Shu
52328	Research on the Workflow System of Collaborative Process Planning	Yingying Su
52382	"Parallel Development and Independent Integration Model" for Scientific Research Software engineering	Hai-tao Li
52394	Software Testing of China's Energy based on The Co-integration model	Wang Jian
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50994	Density Based Cluster in the Presence of Spatial Constraints	Zhi-Wei Sun
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50998	A Cluster Algorithm Identifying the Clustering Structure	Zhi-Wei Sun
51137	Research of OLAM Module based on SQL Server	Wenbi Rao
51185	An Efficient Bitmap Indexing Strategy based on Word-Aligned Hybrid for Data Warehouses	Ali Hamadou
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51350	Sharing Aggregate Computation of Multiple Group by Queries over Distributed Data Stream	Shuang Wang
51367	An Extensible and Portable Data Mining Algorithm Library Model	Wang Huawei
51400	A Classifier Build Around Cellular Automata for Distributed Data Mining	Lianying Zhou
51446	A Location-Based Secure Spatial Audit Policy Model	Pingping Zhang
51460	Move Statistics-Based Traffic Classifiers Online	Yu Wang
51495	A Novel Mixed Index Strategy for Real-time Update	Shengqun Chen
51617	Distributed Management for High Resolution Ocean Environmental Data	Yanyan Liu
51630	Metadata Management Based on Set-Top Box in Digital Broadcasting Environments	Jong-Hyun Park
51631	Similarity Match in Time Series Streams under Dynamic Time Warping Distance	Li Guiling
51651	Implementation and Application of Intersection Operation Based on Run-Length Encoding	Dingtao Shen
51775	A Spectral Clustering Algorithm Based on Normalized Cuts	Peng Yang
51866	Study and Realization of Supermarket BI System Based on Data Warehouse and Web Technique	Hong Xue

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52081	Fine-Grained Progressive Algorithm Based on HMJ	Gang Chen
52159	Application of MVNR Algorithm on Data Analyses of Forest Inventory	Ning Han
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52203	An Inheritable Algorithm for Repeated Clustering	Shang Liu
52206	The Research on Data Resources Sharing of Water Resources Domain based on Proactive Service	Guoyan Xu
52211	A Fast Search Algorithm of Anomaly in Data Streams based on Shifted Wavelet Tree	Yinghui Kong
52213	Indexing Method for Hyper spectral Data Fast Retrieval by Pyramid Technique	Jia Li
52283	Research on Data Mining in E-business Websites	Hanyang Luo
52341	Knowledge Discovery of Classification Based on Cloud Model and Genetic Algorithm	Hesong Li
52380	A Peer to Peer Database Model Based on Chord	Jian Yu
52425	A Rough set-based Heuristic Algorithm for Attribute Reduction	Feixiang Zhu

Part V Instructions for Presentations

Oral Presentation

Devices Provided by the Conference Organizing Committee:

- Laptops (with MS-Office & Adobe Reader)
- Projectors & Screen
- Laser Sticks

Materials Provided by the Presenters:

- PowerPoint or PDF files

Duration of each Presentation:

- Regular Oral Session: 15 Minutes of Presentation, 5 Minutes of Q&A
- Keynote Speech: 35 Minutes of Presentation, 5 Minutes of Q&A

Poster Presentation

Materials Provided by the Conference Organizing Committee:

- X Racks & Base Fabric Canvases (60cm×160cm, see the figure below)
- Adhesive Tapes or Clamps

Materials Provided by the Presenters:

- Home-made Posters

Requirement for the Posters:

- Material: not limited, can be posted on the Canvases
- Size: smaller than 60cm×160cm
- Content: for demonstration of the presenter's paper

Requirement for the Presenters:

- Stand beside his (her) Poster through the Session, and discuss with the readers about his (her) paper



Part VI Hotel Information

About Hotel

Ramada Plaza Optics Valley Hotel is an award winning international 5-star hotel, ideally located in the business, shopping and entertainment center of Wuhan City, integrating guest room, catering and entertainment and featured by fitness and recreation cultures. Securing a superior geographic location, the Hotel is close to East Lake Scenic Area, Wuchang Railway Station, Tian He Airport. The hotel offers fully equipped facilities and unrivalled personalized services.

Address: No.726 Luoyu Road, Wuchang District, Wuhan City, Hubei Province, China.

URL: <http://www.ramadaplaza-ovwh.com/>

Tel: +86-027- 87806888

Fax: +86-027- 87806868

How to Get to the Hotel

How to get to the hotel

8km to Railway Station, 45km to Tian He Airport.

From the Tian He Airport:

Take a taxi to No.726 Luoyu Road, Wuchang District, Wuhan (fee: about RMB 120. Time: 80 minutes)

From the Railway Station:

Take a taxi to No.726 Luoyu Road, Wuchang District, Wuhan (fee: about RMB 30. Time: 20 minutes)

From the Long Distance Bus Station:

Take a taxi to No.726 Luoyu Road, Wuchang District, Wuhan (fee: about RMB 25. Time: 15 minutes)

For non-Chinese author, please show the following picture to the driver if you are taking a taxi:

请送我到:

武汉市武昌区珞瑜路726号 华美达光谷大酒店

Please take me to:

Ramada Plaza Optics Valley Hotel

No.726 Luoyu Road, Wuchang District, Wuhan City

Part VII Contact Us

Organizing Committee

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