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International Multi-Symposiums on Computer and Computational Sciences (IMSCCS|06)

June 20	Schedule	Subjects	Place
1:30PM-8:00PM	Registration	Registration	Lobby of Keji Hotel
2:30PM-8:00PM	Collaboration Corner	Social Activities for Future Collaborations	Room D

June 21	Schedule	Place
8:00AM-9:00AM	Registration Service	Lobby of Keji Hotel
9:00AM-9:05AM	Welcome Message by Dr. Jun Ni, IMSCCS06 General Chair	Room A
9:05AM-9:10AM	Greeting by Zhejiang University	Room A
9:10AM-9:15AM	Greeting by Harbin Engineering University	Room A
9:15AM-10:00AM	Keynote Talk: Hurricane Katrina--Computational Challenges in Event-driven Modeling, by Dr. and Professor Edward Seidel, Director of Center for Computation & Technology (CCT) at Louisiana State University	Room A

Coffee Break

	Computations in Bioinformatics and Bioscience (SCBB 06) -I (Room A)	High Performance Computing Technology and Application (HPCTA 06) (Room B)	Data, Signal, and Image Processing (DSIP 06) (Room C)	Distributed Systems and Data Distributions (DSDD 06) (Room D)
10:00AM-10:20AM	Frequency Distribution of TATA Box and Extension Sequences on Human Promoters Wei Shi and Wanlei Zhou	PVM: A Memory Management under Vertical Architecture Xinghui Zhu, Guang Lu, Fei Yu, Shuqiang Yang, and Miaoliang Zhu	River Change Detection Based on Remote Sensing Image and Vector Lina Zhu, Jianqing Zhang, and Li Pa	Research on the Integration of GIS-Based Digital Valley System Songxin Shi, Xiuzi Ye, Zhaoxia Dong, and Huamin Zhou
10:20AM-10:40AM	A Hopfield Neural Network Based Algorithm for RNA Secondary Structure Prediction Qi Liu, Yin Zhang, and Xiuzi Ye	A Parallel OSEM Algorithm for Medical Image Reconstruction on a Windows Cluster System Tao He, Jun Ni, and Ge Wang	Fast and Blind Restoration Scheme for the Initial States of LFSRs Xiangyang Luo, Ping Wang, Peizhong Lu and Fenlin Liu	An Adaptive Agent-based Network for Distributed Component Repositories Yunjiao Xue, Leqiu Qian, Ruzhi Xu1, Bin Tang, and Xin Peng
10:40AM-11:00AM	Estimation of Cross-hybridization Signals Using Support Vector Regression Yijun Sun, Li Liu, Mick Popp and William Farmerie	A Cyclic Force Decomposition Algorithm for Parallelizing Three-Body Interactions in Molecular Dynamics Simulations Jianhui Li, Zhongwu Zhou, and R. J. Sadus	Speech Stream Detection in Short-wave Channel Based on Cepstral of Auditory Wavelet Packets Liran Shen, Qingbo Yin, Xueyao Li, and Huiqiang Wang	Membership Dependable Failure Detectors Jingcheng Zhang, Jiaqiang Zhu, and Jihong Zhu
11:00AM-	Tiger HRE Finder -- A Tool for Identification	A New Particle Model for Prediction Coding	Speech Enhancement Based on Hilbert-Huang	Toward Fault-tolerant Atomic Data Access in

11:20AM	of Hormone Receptor Binding Sites in Query Sequences Maria Stepanova, Lin Feng, and Valerie C.-L. Lin	of Lossless Data Compression Dianxun Shuai, Liangjun Huang, and Qing Shuai	Transform Theory Xiaojie Zou, Xuexiao Li, and Rubo Zhang	Mutable Distributed Hash Tables Yi Jiang, Guangtao Xue, and Jinyuan You
11:20AM-11:40AM	A Fast Parallel Longest Common Subsequence Algorithm Based on Pruning Rules Wei Liu, Ling Chen, and Yixin Chen	A Unified Addressing Schema for Hexagonal and Honeycomb Networks with Isomorphic Cayley Graphs Mingxin He and Wenjun Xiao	Research on a Denoising Method Based on Wavelet Packet Shrinkage for Pulp Thickness signals Peng Jiang, Qingbo Huang, Yaguang Kong, and Chai Li	A Virtual Rhomb Grid-Based Movement-Assisted Sensor Deployment Algorithm in Wireless Sensor Networks Xueqing Wang, Yongtian Yang, and Zhonglin Zhang
11:40AM-12:00PM	Maximum-Likelihood Estimation of Haplotype Frequencies in Trio Pedigrees Qiangfeng Zhang, Yun Xu, Guoliang Chen, and Haoyang Che	Job Scheduling for Campus-scale Global Computing with Machine Availability Constraints? Guangzhong Sun, Jiulong Shan, and Guoliang Chen	Novel Relevance Feedback Algorithm with Tabulist in Image Retrieval Decai Huang, Jia Hu, and Yuan Yuan	A Hybrid Approach for Overlay Multicast Qi Zhao, Yun He, and Jianzhong Zhang
Lunch				
1:30PM-1:50PM	FM-test: A Fuzzy Set Theory Based Approach for Discovering Diabetes Genes Yi Lu, Shiyong Lu, Lily R. Liang, Deepak Kumar	Performance Analysis of Workflow Model with Resource Constraints Ping Sun, Junli Wang, Xiangmei Li, and Changjun Jiang	Analysis of Performance Evaluation of Parallel Katsevich Algorithm for 3-D CT Image Reconstruction Jun Ni, Junjun Deng, Hengyong Yu, Tao He, and Ge Wang	Ontology Mapping Meta-model Based on Set & Relation Theory Pengfei Qian and Shensheng Zhang
1:50PM-2:10PM	Evaluation Models for the Effect of Sample Imbalance on Gene Selection Kun Yang, Jianzhong Li, Chaokun Wang, and Hong Gao	Decrease I/O Mean Response Time Using Software Pipelining Ke Zhou	Performance of Coherent Delay Lock Loop in the Presence of CW Interference and Additive Noise Lei Shen, Fangni Chen, and Shiju Li	Two Post-Scheduling Optimization Algorithms for Distributed Real-Time Tasks Based on Scheduled Cluster Tree Xiaofei Wang and Ming Fang
2:10PM-2:30PM	The Relationship between Protein Sequences and their Gene Ontology Functions Zhong-Hui Duan, Brent Hughes, Lothar Reichel, and Ting Shi	A General Framework for Parallel Planar Mesh Generation Ligang Chen, Yi Liang, Jianjun Chen, and Yao Zheng	Quality Assessment of Peptide Tandem Mass Spectra Fang-Xiang Wu, Pierre Gagné, Arnaud Droit, and Guy G. Poirier	Reliable and Efficient Data Transfer Protocol Based on UDP in Cluster System Jigang Wang, Guochang Gu, Shibo Xie, and Lifeng Xu
2:30PM-2:50PM	Towards a Better Solution to the Shortest Common Supersequence Problem: A Post Processing Approach Kang Ning and Hon Wai Leong	A Virtual Plant Laboratory Featuring Parallel Computing and Distributed Visualization Zhengge Huang, Yao Zheng, Lijun Xie, and Tingjun Yang	Computer Analysis Method for Clinical CT Image Shaojie Tang and Xuanqin Mou	Study on Distributed Spatial Analysis Service Xia Zhang, Deren Li, Xinyan Zhu, and Zhanwu Yu
Coffee Break				
3:00PM-3:20PM	EDIT: Easy-to-use Bio-Data Extraction, Integration and Refreshing Tools Tianyun Ni, Stanley Su, and Lei Zhou	Deployment of One-Sided Communication Technique for Parallel Computing in Katsevich CT Image Reconstruction Tao He, Jun Ni, Junjun Deng, Hengyong Yu, and Ge Wang	Simulation of Propagation of Transmembrane Potential in Cardiac Tissue Yin Zhou, Peter Jung, Chaoyan Zhu	A Novel Open Real-time Environment for Distributed Systems Pengliu Tan, Hai Jin, and Minghu Zhang
3:20PM-3:40PM	On Determination of Minimum Sample Size for Discovery of Temporal Gene Expression Pattern Fang-Xiang Wu, W. J. Zhang, and Anthony J. Kusalik	A Scalable Parallel Implementation of the HITS Algorithm for Page Ranking Mathew Bennett, Julie Stone, and Chaoyang Zhang	Point Set Surfaces Representations Based on Hierarchical Geometry Images Guoliang Mo and Sanyuan Zhang	Point Set Surfaces Representations Based on Hierarchical Geometry Images Guoliang Mo and Sanyuan Zhang
3:40PM-4:00PM	A Compound Method of Protein Secondary Structure Prediction and Its Implementation Hang Chen, Fei Gu, and Zhengge Huang	Optimization and Artificial Intelligent, and Neural Networks (OAIN 06) (Room B) Collaborative Planning in Supply Chains by Lagrangian Relaxation Lanshun Nie, Xiaofei Xu, and Dechen Zhan	Noisy Speech Enhancement Based on Discrete Sine Transform Xuexiao Li, Hua Xie, and Bailing Cheng	A Collaborative Peer-to-Peer Approach for Information Sharing Using JXTA Hao Shi, Yanchun Zhang, Jingyuan Zhang, Elizabeth Beal, and Nick Moustaka
4:00PM-4:20PM	Combining Functional Information in Validation of Statistical Clustering Susmita Data and Somnath Datta	Problem-Solving in Multi-Agent Systems: A Novel Generalized Particle Model Dianxun Shuai, Qing Shuai, Yuming Dong, and Liangjun Huang	Algorithms, Numerical Methods, Simulations, Computations (SANSC 06) (Room C) A Dynamic Stochastic Heuristical Algorithm for Flexible Workload Management Xudong Chen, Qingxin Zhu, Yong Liao, and Ping	CSP-based Study on Distributed PDM and Consistency Control Technique for Aero-Subcontract Production Zhiqiang Jiang, Xilan Feng, and Zhongyan Hu

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4:20PM-4:40PM	Parallel Multi-Category Support Vector Machines for Classifying Microdata Chaoyang Zhang, Peng Li, Arun Rajendran, and Youping Deng	An Execution Prototype of Mobile Agent-Based Peer-to-Peer Systems Wenyu Qu, Masaru Kitsuregawa, Keqiu Li, and Hong Shen	Distance Ratio Fractal for Complex Mapping $z \rightarrow z^a$ Xizhe Zhang, Tianyang Lv, Shaobin Huang, and Zhengxuan Wang	Resource Merging and Synchronization in FTPGrid Nan Du, Liutong Xu, Xiangang Zhao, Congyun Zhao, and Bai Wang
4:40PM-5:00PM	New Members Identified in Hydrophobin Family as potential polymer materials by Primary Structure Analysis Kuan Yang, Chaoyang Zhang, and Youping Deng	State-of-Art Techniques for Object Caching over the Internet Keqiu Li, Takashi Nanya, Bo Jiang, and Wenyu Qu	Constructions of Euclidean Geometry LDPC Codes and Performance Analysis in MIMO-OFDM System Fangni Chen, Lei Shen, and Shiju Li	Computer System, Structure, and Architecture (CSSA 06) (Room D) Design of a Novel Asynchronous Reconfigurable Architecture for Cryptographic Applications Kang Sun, Xuezheng Pan, Jiebing Wang, and Jimin Wang
5:00PM-5:20PM			A New Computing Model for C-Like Hardware Description Languages Jimin Wang, Lingdi Ping, Jiebing Wang, and Kang Sun	Design of Smart Phone-oriented Embedded Real-time Operating System Jigang Wang, Guochang Gu, Xie Shibo, and Lifeng Xu
			Parameters Optimization and Simulation of Transducer Based on Finite Element Method in Electrical Capacitance Tomography System Deyun Chen, Mouzun Li, and Lili Wang	
6:30PM	Banquet			

June 22	Schedule			
8:20AM-8:40AM	Computations in Bioinformatics and Bioscience (SCBB 06) -I I (Room A) GenomeBlast: A Web Tool for Small Genome Comparison Guoqing Lu, Liying Jiang, Resa M. Kotalik, Thaine W. Rowley, Luwen Zhang, Xianfeng J. Chen, and Etsuko N. Moriyam	Service Computing and Grid Computing (SCGC 06) (Room B) A UDDI-based Two-Level Information Management System for Equipment Grid Jiguang Liu, Jianjun Jiang, and Binbin Zhang	Computer Graphics, Version, and Visualization (CGVV 06) (Room C) Reconstruction of Surfaces of Revolution Shunyi Zheng and Ling Yang	Networks and Network Security (NSNS 06) -I Room D A Bio-inspired Multidimensional Network Security Model Huiqiang Wang, Ruijuan Zheng, Xueyao Li and Daxin Liu
8:40AM-9:00AM	Particle Simulation Approach for Sub-cellular Dynamics and Interactions of Biological Molecule R. Azuma, T. Kitagawa, H. Kobayashi, and A. Konagaya	Improving Grid Scheduling of Pipelined Data Processing by Combining Heuristic Algorithms and Simulated Annealing Qinjiang Wang and Lin Zhang	Region of Interest Fragile Watermarking for Image Authentication Yiping Chu, Yin Zhang, Sanyuan Zhang and Xiuzi Ye	An Improvement of an Identity-Based Key Issuing Protocol Feng Cao, Zhenfu Cao, Licheng Wang
9:00AM-9:20AM	Comparison of Gene Expression Effects in Liver Tissue and Primary Epatocyte Cell Cultures after Exposure to Hexahydro-1,3,5-Trinitro-1,3,5-triazine Edward J. Perkins, Wenjun Bao, Xin Guan, Choo-Yaw Ang, Russell D. Wolfinger, Tzu-Ming Chu, Ping Gong, Sharon A. Meyer, and Laura Inouye	Auto Generation Algorithm for Meta Process Using Markov Decision Process Qi Sui and Hai-yang Wang	Modeling Organization of Multi-Agent System with Command Mechanism Yibing Song and Yongtian Yang	Research of Mobile IPv6 Application Based On Diameter Protocol Da Wei, Yanheng Liu, Xuegang Yu, and Xiaodong Li
9:20AM-9:40AM	Systematic Gene Function Prediction Using a Fuzzy Nearest-Cluster Method on Gene Expression Data Xiao-Li Li, Yin-Chet Tan, and See-Kiong Ng	A Proactive Service Request Broker for PC-based Grid Computing Zhi Wang, Qi Chen, and Chuanshan Gao	CoarseZ Buffer Bandwidth Model in 3D Rendering Pipeline Ke Yang, Ke Gao, Jiaoying Shi, Xiaohong Jiang, and Hua Xiong	A Novel Quantitative Analysis Method for Network Survivability Guosheng Zhao, Huiqiang Wang, Jian Wang
9:40AM-10:00AM	Phelogenetic Tree Construction using Self adaptive Ant Colony Algorithm	CCM: A Cooperative Computation Model of Services	JAS --An E-Learning Tool for Building Multimedia Presentations	A Secure Byzantine Fault Tolerant LDAP System

	Ling Qin, Jianli Luo, Zhimin Chen, Jing Guo, Ling Chen, and Yi Pan	Zhang Xiuguo and Zhang Yingjun	Xiaoye Dai, Sabin Tabirca, and Eamon Lenihan	Xiuqun Wang, Hongun Hou, and Yueting Zhuang
Coffee Break				
10:10AM-10:30AM	A Two-State Duration Hidden Markov Model for Detecting Length Preference of Link DNA in Eukaryotic Cells Jiping Wang, Guei-feng Tsai, and Jonathan Widom	A New Scheduling Algorithm for Servers Nianmin Yao, Wenbin Yao, Shaobin Cai, and Jun Ni	An Integrated Photogrammetric System with Metric Digital Camera and Total Station Zongqian Zhan, Zuxun Zhang, and Jianqing Zhang	Designated Verifier Proxy Signature Scheme from Bilinear Pairings Rongxing Lu, Zhenfu Cao, Xiaolei Dong, and Renwang Su
10:30AM-10:50AM	An Improved Nonparametric Approach for Detecting Differentially Expressed Genes with Replicated Microarray Data Shunpu Zhang	OD: A General Resource Scheduling Algorithm for Computational Grid Tao Wang, Kingshe Zhou, Qiurang Liu, Zhiyi Yang, and Zhaoqing Yang	Seamless Registration of Multiple Range Images with Whole Block Adjustment Ruifang Zhai, Jianqing Zhang, and Shunyi Zheng	A Proxy-protected Signature Scheme Based on Finite Automaton Feng Cao and Zhenfu Cao
10:50AM-11:10AM	Computations and Simulations in Materials Science and Mechanical Engineering (CSME 06) (Room A) A Cellular Automaton Technique for the Modeling of Solidification Microstructure in Multi-Component Alloys Daming Li, Ruo Li, and Pingwen Zhang	A Fast Transparent Failover Scheme for Service Availability Wang Jigang, Guochang Gu, Shibo Xie, and Lifeng Xu	ODSG: An Architecture of Ontology-based Distributed Simulation on Grid Yiyong Dong, Jianhua Yang, and Zhaohui Wu	A Novel Model for Detecting DDoS Attacks Yi Xie and Shun-Zheng Yu
11:10AM-11:30AM	Numerical Simulation for the Transport Phenomena in Melting Processes of Blade-Like Castings Using a Continuum Model Yunfeng Bai, Daming Xu, Weisheng Bi, Jingjie Guo, and Hengzhi Fu	Proxy-Based Parallel Visualization in a Grid Environment with PC-Clusters Zhengge Huang, Guanghua Song, and Yao Zheng	High Quality Point-based Modeling of Large 3D Object Haishan Tian, and Yuanjun He	MPoolODMRP: An Extended PoolODMRP Based on Multi-path Policy Shaobin Cai, Wenbin Yao, Nianmin Yao, and Guochang Gu
11:30AM-11:50AM	A Numerical Approach of Direct-SIMPLE deduced Pressure Equations to Simulations of Transport Phenomena during Shaped Casting Daming Xu and Jun Ni	A Development Framework for Collaborative Applications Based on the Access Grid Yingjie Xia, Yao Zheng, Xuqing Zhu, and Chuihao Kong	Ontology Construction for Scientific Visualization Lijun Xie, Yao Zheng, and Bin Shen	An Efficient ID-Based Multi-proxy Multi-signature Scheme Sheng Guo, Zhenfu Cao, and Rongxing Lu
Lunch				
1:30PM-1:50PM	Software and Software Engineering (SSSE 06) (Room A) An Ontology-based Approach for Domain Requirements Elicitation and Analysis Yuqin Lee and Wenyun Zhao	Intelligent Decision Making for Agreement-based Grid Resource Management Rui Liu, Weimin Zheng and Yongwei Wu	Data Mining and Computations in Statistics (DMCS 06) (Room C) Performance Optimization of Checkpointing Schemes with Task Duplication Zhongwen Li, Yang Xiang, and Hong Chen	Networks and Network Security (NSNS 06) –I (Room D) A Secure Hierarchical Fragile Watermarking Method with Tamper Localization Xianhai Zhang, Yongtian Yang, and Yan Zhu
1:50PM-2:10PM	A Feature Oriented Approach to Managing Domain Requirements Dependencies in Software Product Lines Yuqin Lee and Wenyun Zhao	Wireless, Mobile, and Sensor Technology (WMST 06) (Room B) A Data Fusion Approach for Power Saving in Wireless Sensor Networks Bing Liang and Qun Liu	Historical Temporal Difference Learning: Some Initial Results Hengshuai Yao, Diao Dongcui, and Zengqi Sun	An Efficient ID-Based Multi-proxy Multi-signature Scheme Sheng Guo, Zhenfu Cao, and Rongxing Lu
2:10PM - 2:30PM	Uniform Service Description with Semantics for Search and Composition Xiaoqin Xie and Kaiyun Chen	Implementation of P2P Computing in Design of MANET Routing Protocol Zupeng Li, Xiaochuan Yin, Peiyang Yao, Jinnan Huang	On Even-Out Effect of Probabilistic Sampling Ziqian Liu and Changjia Chen	Efficient ID-based Proxy Chameleon Signature from Bilinear Pairings Miaomiao Zhang, Gongliang Chen, and Jianhua Li
2:30PM-2:50PM	Research on CMMI-based Software Process Metrics Ruzhi Xu, Yunjiao Xue, Peiyao Nie, Yuan Zhang, and Desheng Li	Implementing a SIP-based Device Communication Middleware for OSGi Framework with Extension to Wireless Networks Guiran Chang, Chuan Zhu, Matthew Y. Ma, Weiguo Zhu, and Jingbo Zhu	A Genetic Algorithm with Dual-Structure Code and Adaptive Strategy for Link Enhancement Problem Yuhua Liu, Wei Teng, Kaihua Xu, and Haiyan Zhu	Worm Intrusion Alarm Modeling Based on Network Traffic Character Lu Guang, Yu Fei, Guangxue Yue, and Miaoliang Zhu
Coffee Break				

3:00PM-3:20PM	A Component Management System for Mass Customization Yiyuan Li, Jianwei Yin, and Jinxiang Dong	Wireless Intrusion Detection Method Based on Dynamic Growing Neural Network Yanheng Liu, Daxin Tian, and Bin Li	A Dynamic Capacity Assignment Approach for EJB Instances Pools Bao-wen Zhang, Jian-hua Li, and Jin-yuan You	Efficient ID-based Broadcast Threshold Decryption in Ad hoc Network Zhenchuan Chai, Zhenfu Cao, and Yuan Zhou
3:20PM-3:40PM	AUV Modeling and Analysis using a Colored Object-Oriented Petri Net Xiaoning Feng, Qun Liu, and Zhuo,Wang	Self-Organization Routing Protocol Supporting Mobile Nodes for Wireless Sensor Network Do-Seong Kim and Yeong-Jee Chung	Identification of GPI-(like)-anchored Proteins by using SVM Wei Cao and Kentaro Shimizu	Efficient ID-based Broadcast Threshold Decryption in Ad hoc Network Zhenchuan Chai, Zhenfu Cao, and Yuan Zhou
3:40PM-4:00PM	The Extension of Unit Testing Tool Junit for Special Testing Liangliang Kong and Zhaolin Yin	Coordination Mechanism in Wireless Sensor and Actor Networks Haidong Yuan, Huadong Ma, and Hongyu Liao	Self-Organizing Data Clustering Based on Quantum Entanglement Model Dianxun Shuai, Yuzhe Liu, Qing Shuai, Liangjun Huang, and Yuming Dong	A Structured P2P System with Match Path and Probability Balance Tree L. B. Xu, G. X. Wu, and F. Q. You
4:00PM-4:20PM	Embedded Software Standardization and Reengineering in Practice Xiaoli Zhi and Weiqin Tong	Markov-based Analyzing Model for TCP Unfairness over Wireless Mesh Networks Lei Zhang, Shoubao Yang, Weifeng Sun, and Dapeng Wang	A Novel Stochastic Generalized Cellular Automata for Self-Organizing Data Clustering Dianxun Shuai, Qing Shuai, Liangjun Huang, Yuzhe Liu, and Yuming Dong	An Integer Wavelet Based Multiple Logo-watermarking Scheme Yuan Yuan, Decai Huang, and Duanyang Liu
4:20PM-4:40PM	Windows DNA-based Study on the Integrated Application of Manufacturing Information System Xilan Feng, Zhiqiang Jiang Jinfa Shi ¹ , and Xuwen Zong			Efficient Split Scheduling Scheme for Traffic Balancing on Multi-Link Networks Yong Qin, and Chenggui Zhao
4:40PM-5:00PM				Adaptive Prefix Query (APQ) For Route Table Finding In Overnet Yong-xiang Zhao and Chang-jia Chen
5:00PM-5:20PM				An Innovation Three Color Marker in DiffServ Networks Junrui Hao and Shaohua Yu
5:20PM-5:40PM				State-of-Art Techniques for Object Caching over the Internet Keqiu Li, Takashi Nanya, Bo Jiang, and Wenyu Qu
6:30PM	Dinner			

June 23	Schedule			
Symposiums Technical Program Starts				
8:20AM-8:20AM	Tutorial I (Room A) How to write and submit conference technical paper? Jun Ni	Internet Computing and Language Semantics (ICLS06) (Room B) Semantic Approach for e-learning System Wenyng Guo and Deren Chen	Database Management and Information Systems (DMIS)06 (Room C) Indexing of Constrained Moving Objects for Current and Near Future Positions in GIS Jing Guo, Wei Guo, and Dongru Zhou	

8:40AM-9:00AM		Reverse Engineering XML Weidong Yang, Ning Gu, and Baile Shi	A Privacy Policy of P3P Based on Relational Database Bin Jiang, Da-fang Zhang, Chao Yang, Guangxue Yue, and Fei Yu	
9:00AM-9:20AM		Optimal Selection of Web Services with End-to-end Constraints Yan Gao, Bin Zhang, Jun Na, Lei Yang, Yu Dai, and Qiang Gong	Mapping Relational Schemas to XML DTDs with Constraints Teng Lv and Ping Yan	
9:20AM-9:40AM	Tutorial II (Room A) Introduction to Bioinformatics and Computational Biology Youping Deng	A Study of Chinese Web Characteristics and Their Implications on Web Search Kin Fun Li, Louis Yu, and Weibin Liao	Analysis on the Drawbacks of the Commonly Used Measures of the Significance of Attributes in Decision-Table & a New Measure Decai Huang and Lingli Wang	
9:40AM-10:00AM		Using Categorization to Further Enhance the Utilization of Semantic Web in UDDI Xiaojie Dong, Weiqin Tong, and Jin Feng	Querying about the Near Future Positions of Moving Objects Jing Guo, Wei Guo, and Dongru Zhou	
10:10AM-10:30AM	Tutorial III (Room A) Introduction to Computational Nanotechnology Shaoping Xiao	New Generation of E-Learning Technologies Dan Yu, Weiping Zhang, and Xinmeng Chen	Robust Hierarchical Clustering Algorithm and its Application in 3D Model Retrieval Tian-yang Lv, Shaobin Huang, Zheng-xuan Wang, and Wan-li Zuo	
10:30AM-10:50AM			Research on Methodology of Fuzzy Retrieve Based on Soft Computing Yangu Zhang, Min Yao, and Bin Shen	
10:50AM-11:50AM	IMSCCS06 Panel (Room A) Discussion topic: Should Computer Science become Computing Science?			
IMSCCS06 Closure				
Lunch				

IMSCCS|06 Poster Session

Time	Title	Authors
Jan. 21, 2006		
8:00AM-12:00PM	A Two-State Duration Hidden Markov Model for Detecting Length Preference of Link DNA in Eukaryotic Cells	Ji-Ping Wang, Guei-Feng Tsai and Jonathan Widom
	A Vortex Signal Processing Method Based on Wavelet Neural Network	Liyang Zheng and Kai Tian
	Speech Detection Based on Hilbert-Huang Transform	Wu Wang, Xueyao Li, Rubo Zhang
	Research on Compression Method Based on Integer Wavelet Transform and SPIHT for Historical Data in Process Industry	Peng Jiang, Qingbo Huang, Yaguang Kong, and Chai Li
	Color Matching in Color Remote Sensing image	Li Zheng, Jianqing Zhang, and Yuejun Luo
	A Method of Debris Image Segmentation Based on SVM	Xianzhong Tian and Tongsen Hu
	Towards Merging Pervasive Computing into Grid - Lightweight Portal, Dynamic Collaborating and Semantic Supporting	Wei Shi, Shanping Li, and Xin Lin
	Simulation of Customers-flow Model Based-on Elevators Group Control Technique	Pingli Wang, Gongxuan Zhang, and Ling Wang
	An Approach of Service Tailoring Based-on Parameterized Contracts	Yukui Fei
1:00PM-5:00PM	Application MDA in a Conception Design Environment	Wuzheng Tan1, Lizhuang Ma1, Jun Li1, and Zuxiu Xiao
	Hill Climbing-Based De-Centralized Job Scheduling on Computational Grids	Qingjiang Wang, Yun Gao, and Peishun Liu
	A New Way of Solving Multiple Constrained QoS Multi-routing Problems	Ling Qin, Yixin Chen, Jianli Luo, Jing Guo, and Ling Chen
	Modeling Dynamic Feedforward Neural Networks with VHDL	Xi Chen, Gaofeng Wang, Wei Zhou, Jiangfeng Xu, and Qinglin Zhang
	Applying Virtual Reality to Web-based Education	Han Xue and Jing Zhang
	Real-time Visualization based on Deformed X-ray Fluoroscopy	Wenqiang Zhang, Xuemei Huang, and Liming Zhang
	Efficient Frame Rate Control Algorithm and Its Implementation	Haibin Shen and Junfeng Fan
	A Security Grid Portal Using PKI and Online Proxy Certificate Repository	Jie Jiang, Deren Chen, Tim Chen, and Xiaodong Shen
	An Algorithm of Topology Discovery in Large Multi-Subnet Physical Networks	Kaihua Xu, Jiwei Cao, Yuhua Liu, and Shaohua Tao
Jan. 22, 2006		
8:00AM-12:00PM	Cryptanalysis on a Proxy Multi-signature Scheme	Feng Cao and Zhenfu Cao
	Emission Image Reconstruction Based on Incremental Optimization Transfer Algorithm	Jianhua Yan and Jun Yu
	Complex Data Flow Matching Algorithm Based on TDG	Guangshun Li, Guangsheng Ma , and Donghai Li
	Mesh Generation from 3D Scattered Data in ACL Surgical Navigation System	Xuemei Huang, , and Wenqiang Zhang
	Combining Couvreur's algorithm with Bitstate-Hashing for Emptiness Check	Yige Li, Kanglin Xie, and Tao Hao
	A Diversity Guaranteed Ant Colony Algorithm Based on Immune Strategy	Ling Qin, Yixin Chen, Jianli Luo, Ling Chen, and Jing Guo
	Fault Diagnosis of AUV Based on Bayesian Networks	Changting Shi, Rubo Zhang, and Ge Yang
	A Lower Bound for the Chaotic Control Parameter of Wang- Smith's CSA	Liyang Zheng and Kai Tian
	Dynamic Analysis and Application of QANN	Rigui Zhou, Liang Zhou, Nan Jiang, and Qiulin Ding
1:00PM-5:00PM	An Optimal Non-adaptive Search Plan for 3D models Retrieval	Bo Peng and Qingxin Zhu
	Underwater Image Segmentation with Maximum Entropy Based on Particle Swarm Optimization (PSO)	Jing Liu
	A Configuration Management Supporting System Based on CMMI	Fei Wang, Aihua Ren
	Primary Research on Internetware Reliability Technology	Ping Wang, Changsong Sun, and Lijie Li
	Software Plans Learning and Recognition Based on Sequence Learning and NARX memory Model of Neural Network	Qinming He, Jianfei Qian, Hua Chen, and Fangzhong Qi
	A Description Model to Support Experience Management	Xiong Xie, Weishi Zhang, and Lei Xu
	Dynamic Behavior Specification of Web Component Based on Logic Programming	Yukui Fei
	A SVR-based Fuzzy System	Xianzhong Tian and Tongsen Hu
	Research on Methodology of Fuzzy Retrieve Based on Soft Computing	Yangu Zhang, Min Yao, and Bin Shen
Jan. 23, 2006		
8:00AM-12:00PM	Particle Swarm Algorithm for Minimal Attribute Reduction of Decision Data Tables	Jianhua Dai, Weidong Chen, Hongying Gu, and Yunhe Pan
	The Research and Application of the Web Map Issuing Technology	Tao Wu and Lifan Fei
	Power-Efficient Routing Mechanism in Sensor Networks based on Node-Density	Qing Gao, Shanping Li, and Wei Shi
	A Brief Review on Application of Mobile Computing in Construction	Wanhong Zou, Xiuzi Ye, Wei Peng, and Zhiyang Chen
	An Improved Route Repair Approach of Wireless Sensor Networks	Yuhua Liu, Haiyan Zhu, Kaihua Xu and Wei Teng
	A Verification Environment for CMP Architecture Design	Wenbin Yao, Nianmin Yao, Shaobin Cai, and Jun Ni