

# ICICSE2008 (ICSE'08)

## Technical Program (Preliminary) – Presentation Session

Jan. 28, 2008

Time	Place			
8:00AM	Conference Site	<b>Registration</b>		
9:00AM	Auditorium	<b>Opening:</b> General Chair and/or Co-chair		
9:10AM	Auditorium	<b>Welcome:</b> Harbin Engineering University Administration Office		
9:20 AM - 10:20 AM	Auditorium	<b>Keynote Talk:</b> SemreX: a Semantic Association based Scientific Literature Retrieving System Dr. Jin Hai, Huazhong University of Science & Technology		
<b>Coffee Break</b>				
Time	(Room A)	(Room B)	(Room C)	
10:30AM-12:00PM	<p style="text-align: center;"><b>Session A: Algorithm</b></p> <p><b>R35: Sufficient Conditions for Absolute Stability and Optimization Using Genetic Algorithms of Specific Class of Fuzzy Logic Controllers</b> Jakub Osmic, Naser Prljaca</p> <p><b>R100: Efficiency-Oriented Formal Development Strategies for Algorithms</b> Haihe Shi, Jinyun Xue</p> <p><b>R125: Evaluating Several Merge Algorithms of Meta Search Engine</b> Chunshuang Liu, Zhiqiang Zhang, Xiaoqin Xie</p>	<p style="text-align: center;"><b>Session B: Graphics</b></p> <p><b>R10: A Fast Multi-level Algorithm for Drawing Large Undirected Graphs</b> Weihua Zhou, Jingwei Huang</p> <p><b>R71: A Fast and Efficiency Character Model Method for 3D Game</b> Li Wei Wang, Jing Zhang</p> <p><b>R88: The Research of Video Tracking System Based on Virtual Reality</b> YanboLi, GuishengYin, Jing Zhang</p>	<p style="text-align: center;"><b>Session C: Network/Internet -I</b></p> <p><b>R15: Optimization of Flow Control Mechanism in iSCSI</b> Nianmin Yao, Shaozhen Wang, Jianming Zhao</p> <p><b>R33: Short-term and Long-term Computing Models of Internet Diameter</b> Ye Xu, Zhuo Wang, Wen-bo Zhang</p> <p><b>R34: Research on a Computing Model for Internet Efficiency Index</b> Ye Xu, Zhuo Wang, Wen-bo Zhang</p>	
<b>Lunch</b>				
	(Room A)	(Room B)	(Room C)	
1:30PM-5:30 PM	<p style="text-align: center;"><b>Session E: Dada/image Processing</b></p> <p><b>R78: Adaptive Morphological Method for Clutter Elimination to Enhance and Detect Infrared Small Target</b> Xiangzhi Bai, Fugen Zhou, Yongchun Xie, Ting Jin</p> <p><b>R14: The Research of Mathematical Formula Recognition Method Base</b></p>	<p style="text-align: center;"><b>Session F: Security</b></p> <p><b>R21: Simulation Study of Flood Attacking of DDOS</b> Ming Li, Jun Li, Wei Zhao</p> <p><b>R64: Index System of Information Systems Survivability: Formal Definitions and Reasoning</b> Jian Wang, Huiqiang Wang, Guosheng Zhao</p>	<p style="text-align: center;"><b>Session C: Network/Internet- II</b></p> <p><b>R58: Towards a Novel In-community Healthcare Monitoring System Over Wireless Sensor Networks</b> Julong Pan, Shanping Li, Zhendong Wu</p> <p><b>R59: The Factor Graph Approach for Inferring Link Loss in MANET</b> Wang Wei, Cai Wan-Dong, Wang Bei-Zhan, Wang Ya-Ping, Tian Guang-Li</p>	

	<p><b>on Baseline Structure Analysis</b> YongHua Li, KeJun Wang, Wei ShangGuan, LiQun Tang</p> <p><b>R31: Minimal Condensed Cube: Data Organization, Fast Computation, and Incremental Update</b> Zhuo Wang, Ye Xu</p> <p><b>R49: The Discovery of Attribute Feature Cluster for Any Clustering Result based on Outlier Detection Technique</b> Gang Liu, Jiming Pang, Xiufeng Piao, Shaobin Huang</p> <p><b>R50: Forecasting Day ahead Spot Electricity Prices Based on GASVM</b> Sun Wei, Zhang Jie</p> <p><b>R134: A Novel Clustering Algorithm for Prefix-coded Data Stream Based upon Median-tree</b> Guangsheng Feng, Huiqiang Wang, Qian Zhao, Ying Liang</p> <p><b>R137: ICAIS: A Novel Incremental Clustering Algorithm Based on Artificial Immune Systems</b> Xianghua Li, Tianyang Lu, Zhengxuan Wang, Xiangjiu Che</p> <p><b>R162: A ROI-Based Mining Method with Medical Domain Knowledge Guidance</b> Haiwei Pan, Qilong Han, Guisheng Yin, Wei Zhang, Jianzhong Li, Jun Ni</p>	<p><b>R77: An Authenticated Encryption Mechanism for Secure Group Communication in Grid</b> Yunfa Li, Hai Jin, Deqing Zou, Sanmin Liu, Zongfen Han</p> <p><b>R103: Secure Files Messagement System in Intranet</b> Hua Zhang, Jun-feng Diao, Qiao-yan Wen</p> <p><b>R138: Stochastic Game Theoretic Method of Quantification for Network Situational Awareness</b> Ying Liang, Huiqiang Wang, Xiaowu Liu</p> <p style="text-align: center;"><b>Session G: Software</b></p> <p><b>R70: An Autonomic Evaluation Model of Complex Software</b> Haitao Zhang, Huiqiang Wang, Ruijuan Zheng</p> <p><b>R163: Fuzzy Integrated Evaluation for Measuring Quality of Feature Space-Based Component Model</b> Jin Li, Guisheng Yin, Dekun Yang</p> <p style="text-align: center;"><b>Session G: System/Architecture</b></p> <p><b>R36: Optimizing Xen VMBased on Hardware Virtualization Technology</b> Xiaotao Zhang, Yaozu Dong</p>	<p><b>R68: Fusing Received Signal Strength from Multiple Access Points for WLAN User Location Estimation</b> Minghua Zhang, Shensheng Zhang, Jian Cao</p> <p><b>R80: An Energy-Efficient Routing Algorithm for Wireless Sensor Networks</b> Guang Yang, Guisheng Yin, Wu Yang, Bingyang Zhang, Wenjin Jin</p> <p><b>R86: VINCA4Science: A Personal Workflow System for e-Science</b> Jing Wang, Yanbo Han, Shuying Yan, Wanghu Chen, Guang Ji</p>
5:30 PM -	<b>Banquet</b>		
<b>Jan. 29, 2008</b>			
8:20AM-9:00 AM	Auditorium	<b>Keynote Talk:</b> Title: Exploring Emergent Properties in Internet Computing Systems Dr. Zhiwei Xu, Institute of Computing Technology, Chinese Academy of Sciences	
9:00 AM - 9:30 AM	<b>Room (A)</b>	<b>Room (B)</b>	<b>Room (C)</b>
	<b>Session I: P2P/Distributed Computing –I</b>	<b>Session H: Grid Computing –I</b>	<b>Session C: Network/Internet – III</b>

	<p><b>R22: P2HP: Construction of a Cooperative Server Group Based Volunteer Computing Environment</b> Xianyong Wang, Shengchao Xu</p> <p><b>R27: A Selfish-SCM Based Decentralized Scheme for Node Clustering in Peer-to-Peer Networks</b> Yanxiang He, Haowen Liu</p> <p><b>R43: Model of Controlling the Hubs in P2P Network</b> Yuhua Liu, Chun Yang, Kaihua Xu, Hongcai Chen</p> <p><b>R94: Hierarchical Small-world P2P Networks</b> Guisheng Yin, Jie Shen, Xianghui Wang</p>	<p><b>R130: Grid-based Hierarchical Spatial Clustering Algorithm in Presence of Obstacle and Constraints</b> Yue Yang, Jian-pei, Zhang, Jing Yang</p> <p><b>R32: An Improved Decision Trees Updating Algorithm in Grid AC Cache Mechanism</b> Shaomin Zhang, Baoyi Wang</p> <p><b>R113: SOS: A Service Oriented Storage Scheme for Data Grid</b> Haitao Li, Zhaobin Liu, Peng Gu</p> <p><b>R122: CoS-Based Grid QoS Description Language</b> Ning Cao, Yazhe Tang, Dan Wang, Kai Zhang, Lin Shen</p> <p><b>R30: A Hyper Topology Hierarchical Trust Model in Professional Grid</b> Shaomin Zhang, Baoyi Wang</p>	<p><b>R102: The Ontology Relation Extraction for Semantic Web Annotation</b> Dong Li, Linpeng Huang, Minglu Li</p> <p><b>R104: Finding the WDB's Query Interface in Deep Web Automatically</b> Pei-guang Lin, Ru-zhi Xu, Yan Zhang</p> <p><b>R106: Personalized E-commerce Recommendation Based on Ontology</b> Pei-guang Lin, Ru-zhi Xu, Xiao Yu</p> <p><b>R110: A Framework for Ontology-based Data Integration</b> Dong Li, Linpeng Huang, Minglu Li</p> <p><b>R116: Efficient Multicast Video Streaming for IPTV Service over WLAN using CC-FEC</b> Eunyong Park, Sunyoung Han, Heemin Kim, Kiwon Son, Liu Jing</p>
<b>Lunch</b>			
1:30PM-	<p style="text-align: center;"><b>Session I: P2P/Distributed Computing –II</b></p> <p><b>R26: Study on Requirement Testing Method Based on Alpha-Beta Cut-off Procedure</b> Gang Liu, Shaobin Huang, Xiufeng Piao</p> <p><b>R60: Machine Tool Distributed Cooperative Design System Based on Extended MVC-Based Web Application Framework and XML Interoperable Information Model</b> Cao Yan, Yang Lina, Yang Yanli, Chen Hua, Liu Ning</p> <p><b>R79: Mitigating Harm of Liar-Farm in Reputation Model of VoIP Spam Filtering System</b> Fei Wang, Yijun Mo, Benxiong Huang</p>	<p style="text-align: center;"><b>Session H: Service Computing</b></p> <p><b>R108: Research on Knowledge Share in a Virtual Organization</b> Ru-zhi Xu, Pei-guang Lin, feng Yang</p> <p><b>R97: Mapping Web Services Standards to Federated Identity Management Requirements for m-Health</b> Hui Liu, Minglu Li, Xin Lin</p> <p><b>R109: An Web Service Cooperative Composition Model for Workflow Management System</b> Bin Zeng, Tao Hu, Lin Kong</p> <p><b>R114: A One-Station EG Service Model Based on Ontology &amp; SOA</b> Pei-guang Lin, Chao Lv, Ru-zhi Xu</p> <p><b>R57: Local Adaptive Resource Scheduling for Internet-based Computation on SMT Platform</b> Hongzhou Chen, Lingdi Ping, Guochang Gu,</p>	<p style="text-align: center;"><b>Session C: Network/Internet – IV</b></p> <p><b>R132: Research and Design of Vehicle Monitoring System Based on MapX</b> Zhi Zhang, Gannan Yuan, ShangGuan Wei</p> <p><b>R152: The Performance Analysis of Channel Estimation on Wireless Ultra-wideband Communication Systems</b> Xiaojun Bi, Jing Zheng, Guochang Gu, Ningning Weng</p> <p><b>R157: A Multiple Patterns Matching Method Based on Added Information</b> Jun Lu, Daxin Liu</p>

	<b>R90: Performance Analysis of Rollback Recovery Schemes for the Mobile Computing Environment</b> Men Chaoguang, Xu Zhenpeng	Xuezeng Pan, Xiaoping Chen	
5:30PM-7:00PM	<b>Dinner</b>		
7:00PM-	<b>Social Event:</b> Harbin's 2008's 34th Ice Lantern Festival at Zhaolin Park		

# ICICSE2008 (ICSE'08)

## Technical Program (Preliminary) – Poster Session

Jan. 28, 2008

Time	(Room D)
10:00AM-12:00PM	<p style="text-align: center;"><b>Session A: Algorithm</b></p> <p><b>S38: Ubiquitous Computing in Financial Forecast and Early Warning</b> Hengqing Tong, Yuan Wan, Jing Tang</p> <p><b>S47: A Contentbased Algorithm for Blog Ranking</b> Shne Jie, Zhu Yan, Zhang Hui, Chen Chen, Sun Rongshuang, Xu Fayan</p> <p><b>S135: Research and Realization of Random Encryption Algorithm</b> Wei Gao, Weihua Chen, Yanmei Li</p> <p><b>S136: An Invalidation Cache Model Based on Ant Colony Algorithm in Mobile Databases</b> Yan Chu; JianPei Zhang</p> <p><b>S159: Potential Target Traversing Detection Algorithm Based on Voronoi Diagram</b> Jin Zhang, Daxin Liu, Yuezhu Xu, Meng Zhao, Wenhui Zhao</p> <p style="text-align: center;"><b>Biomedical Science</b></p> <p><b>S62: The Inverse Protein Folding Process by Artificial Life Approaches</b> Wei-Xin Kang, Jing Zhang, Mao-Zu Guo, Wei Peng</p> <p><b>S65: A New Method for Simulating Protein Folding Process - Snake Algorithm</b> Jing Zhang, Wei-Xin Kang, Mao-Zu Guo, Wei Peng</p> <p style="text-align: center;"><b>Data/image Processing</b></p> <p><b>S16: The Objective Evaluation of Several Shift Invariant Image Fusion Methods</b> YinQing Li, Lingling Li, and Bao Li</p> <p><b>S69: Dependent Linguistic OWGA Operator</b> Guiwu Wei</p> <p><b>S148: The Mode Selection for Semi-supervised Support Vector Machines</b> Ying Zhao, Jian-pei Zhang, Jing Yang</p> <p><b>S153: Research on Hierarchical Fuzzy Behavior Learning of Autonomous Robot</b></p>

	<p>Ziying Zhang, Rubo Zhang, Xin Liu</p> <p><b>S82: An Improved Hierarchical Multi-class Support Vector Machine with Binary Tree Architecture</b> Chen Lili, Zhang Jianpei, Yang Jing, Ma Jun</p> <p><b>S67: An Efficiency Method for Visual Scene Building</b> Hailing Wang, Jing Zhang</p> <p><b>S72: View-dependent and Visual Attention based Level of Detail</b> Si-liang Yu, Jing Zhang</p> <p><b>S73: Rapidly Product and Optimize Facial Animation Methods for 3D Game</b> Ming Zhao, Jing Zhang</p>
<p>1:30PM- 5:30PM</p>	<p style="text-align: center;"><b>Network/internet</b></p> <p><b>S19: Research of Metadata Extracting Algorithm for Components Based on Rules in the Semantic Web</b> HongBin Wang, DaXin Liu, and Wei Sun</p> <p><b>S20: Game-Based Social Computing of Trust Establish in E-Commerce</b> Xincheng Wang, Fengming Liu, Rongrong Yang, and Fu Xie</p> <p><b>S63: Research on Ontology-Based Measuring Semantic Similarity and Its Application in Information Retrieval</b> Sheng Qiuyan, Guisheng Yin</p> <p><b>S75: Research on Ontology Matching Approach in Semantic Web</b> Ying Wang, Rubo Zhang, Jing Wang</p> <p><b>S81: Research on Semantic Web-Oriented Ontology Model</b> Jing Wang, Jianpei Zhang, Ying Wang</p> <p><b>S89: A Novel Research Approach on Network Control Systems</b> Lihua Zhang, Maoli Wang</p> <p><b>S105: xIR: Logic Inference-Based Retrieval Method for XML</b> Pei-guang Lin, Ru-zhi Xu</p> <p><b>S129: Applying a Novel Combined Classifier for Hypertext Classification in Pornographic Web Filtering</b> Zhong Gao, Lai-Man Po, Hao Dong, Shutong Wang, Haibo Wang, Xiaopei Wei</p> <p><b>S131: Building Improved GIS Service Based on WSRF</b> Zhiming Gui, Kai Song</p> <p><b>S143: An Optimal Communication Protocol Interoperability Test Sequences Generation Algorithm via Heuristic Algorithm</b> Ning Zhong, Zunwen He, Jingming Kuang, Zhihai Zhuo</p>

	<p><b>S144: A Novel Hierarchical Clustering Routing Algorithm for Wireless Sensor Networks</b> Yuhua Liu, Yongcan Jia, Kaihua Xu</p>
<b>Jan. 29, 2008</b>	
<b>Time</b>	<b>Room (D)</b>
8:30AM-12:00PM	<p style="text-align: center;"><b>Security</b></p> <p><b>S9: An Extraction Method of Situational Factors for Network Security Situational Awareness</b> Huiqiang Wang, Ying Liang, Haizhi Ye</p> <p><b>S24: The Classification, Design and Placement of Security Sensor for Network Security Situational Awareness System</b> Ji-bao Lai, Hui-qiang Wang, Ying Liang, Xiao-wu Liu</p> <p><b>S44: A New Domino Logic Synthesis Approach</b> Xiaoxiao Liu, Guangsheng Ma, Jingbo Shao, Haijun Li</p> <p><b>S45: A Strategy Selection Model for Network Survivability based on Fuzzy Matrix Game</b> Guosheng Zhao, Huiqiang Wang, Jian Wang</p> <p><b>S46: Survivable Network System: An Immune Approach</b> Guosheng Zhao, Huiqiang Wang, Jian Wang</p> <p><b>S51: Fuzzy Comprehensive Assessment for Network Survivability based on the Uncertain AHP</b> Jian Wang, Huiqiang Wang, Guosheng Zhao</p> <p><b>S158: A Semantic Trust Modeling Method for Service Composition</b> Xiaoqin Xie, Bailing Du, Miao Hu, Zhiqiang Zhang</p> <p style="text-align: center;"><b>Software</b></p> <p><b>S76: Integrated Evaluation Model for Software Process Modeling Methods</b> Bing Zhang, Rubo Zhang</p> <p><b>S83: Minimal Trellis for Some Class of Linear Codes</b> Qinghui Lan, and Haibin Kan</p> <p><b>S145: Design and Implementation of RAS-Based Reusable Asset Management Tool</b> Ze-Sheng Wang, Ru-Zhi Xu Kang-Kang Zhang, Jing-Zhou Zhang</p> <p style="text-align: center;"><b>System/architecture</b></p> <p><b>S13: Combined Partial Test Vector Reuse and FDR Coding for Two Dimensional SoC Test Compression</b> Jingob Shao, Guangsheng Ma, Zhi Yang, and Ruixue Zhang</p> <p><b>S23: Network-on-chip Digital IP-Based Low-Power Techniques</b> Zhaohui Song, Guangsheng Ma</p>

**Web Services/Grid Computing**

**S161: A P2P Trust Model Based on Subjective Logic**

Wei Gao, Weihua Chen, Yanmei Li

**S11: A Small World Overlay P2P Transfer System with Role-based and Reputation-based Access Control Policies**

Yingjie Xia, Guanghua Song, Yao Zheng, Jun Ni, Mingzhe Zhu

**S29: A Self-recovery Model for Distributed Applications Based on Microreboot**

Haizhi Ye, Huiqiang Wang and Ying Liang

**S53: Semantic CayNET: a new Semantic P2P Network**

Zhaoquan Cai, Wenhong Wei

**S66: A New Trust Model Grep-1 for Peer-to-Peer Networks**

Shaomin Zhang, Xiuying Lu, Baoyi Wang

**S99: An Agent-based Connective Framework of Component Library**

Dali Feng, Ruzhi Xu, Tianbing Xu, Jingzhou Zhang

**S107: Logic Inference-Based Semantic Web Service for KB Retrieval**

Ru-zhi Xu, Pei-guang Lin, Dong-sheng Chu

**S154: Xin Liu, Guisheng Yin, Ziyang Zhang**

A Kind of Object-Oriented Petri Net and Its Application

**S155: An Intelligent Agent-based Architecture for Chance Discovery System Applications**

Yuezhu Xu, Daxin Liu, Jin Zhang, Liping Qu