Conference Schedule

August 12, 2009					
08:30 | 09:20	Opening Main Hall (II) (in Intercontinental Hotel)				
09:20 | 10:20	Plenary Speech I Main Hall (II) (in Intercontinental Hotel)				
10:20 | 10:40	Break				
10:40 | 11:40	Plenary Speech II Main Hall (II) (in Intercontinental Hotel)				
11:40 | 13:15	Lunch Main Hall (II) (in Intercontinental Hotel)				
13:15 | 15:15	Session A01： IP Communication	Session A02： Agent-based User Interface Design and Applications	Session A03： Intelligent Services and Applications of Web Search Engine	Session P01： Poster Session (1)	Session P02： Poster Session (2)
	Main Hall (II)	Session Room 3	Session Room 4	Session Room 5	Session Room 6
15:15 | 15:40	Coffee Break				
15:40 | 17:40	Session A04： Agents on Networked Media and its Applications	Session A05： Soft Computing and Their Application to Multimedia	Session A06： Semantic technologies and Knowledge reasoning	Session P03： Poster Session (3)	Session P04： Poster Session (4)
	Main Hall (II)	Session Room 3	Session Room 4	Session Room 5	Session Room 6
17:40 | 20:00	Dinner Restaurant (in Intercontinental Hotel)				

August 13, 2009						
08:30 | 09:30	Plenary Speech III Main Hall (II) (in Intercontinental Hotel)					
09:30 | 09:50	Coffee Break					
09:50 | 11:50	Plenary Speech IV Main Hall (II) (in Intercontinental Hotel)					
11:50 | 13:20	Lunch Restaurant (in Intercontinental Hotel)					
13:20 | 15:20	Session B01：Computational Modeling of Complex Systems	Session B02：Kernel Learning, Cluster Analysis, and its Applications	Session B03：Recent Advances on Swarm Intelligence (1)	Session P09：Poster Session (9)	Session P05：Poster Session (5)	Session P06：Poster Session (6)
	Session Room 1	Session Room 2	Session Room 3	Session Room 4	Session Room 5	Session Room 6
15:20 | 15:40	Coffee Break					
15:40 | 17:40	Session B04：Recent Advances on Swarm Intelligence (2)	Session B05：Innovative Computing for Image Analysis (1)	Session B06：Intelligent computing for control and application	Session B07：Theories and Applications for Wireless Sensor Networks	Session P07：Poster Session (7)	Session P08：Poster Session (8)
	Session Room 1	Session Room 2	Session Room 3	Session Room 4	Session Room 5	Session Room 6
17:40 | 20:00	Conference Banquet Restaurant (in Intercontinental Hotel)					

August 14, 2009						
08:30 | 10:20	Session C01：Novel Approaches to Pervasive Applications	Session C02：Information Management & Knowledge Management (1)	Session C03：Theories and Applications for Peer-to-Peer Overlay Networks (1)	Session C04：Novel Approaches to Information Security Application (1)	Session C17：Innovative Computing for Image Analysis (2)	Session P10：Poster Session (10)
	Session Room 1	Session Room 2	Session Room 3	Session Room 4	Session Room 5	Session Room 6
10:20 | 10:30	Coffee Break					
10:30 | 12:20	Session C05：Soft Computing to Industrial Management & Applications	Session C06：Theories and Applications for Peer-to-Peer Overlay Networks (2)	Session C07：Novel Approaches to Information Security Application (2)	Session C08：Information Management & Knowledge Management (2)	Session P11：Poster Session (11)	Session P12：Poster Session (12)
	Session Room 1	Session Room 2	Session Room 3	Session Room 4	Session Room 5	Session Room 6
12:20 | 13:30	Lunch Restaurant (in Intercontinental Hotel)					
13:30 | 15:30	Session C09：Theories and Applications for Peer-to-Peer Overlay Networks (3)	Session C10：Information Management & Knowledge Management (3)	Session C11：Design and Implementation of Control Systems	Session C12：Advanced Data Processing Technology	Session P13：Poster Session (13)	Session P14：Poster Session (14)
	Session Room 1	Session Room 2	Session Room 3	Session Room 4	Session Room 5	Session Room 6
15:30 | 15:50	Coffee Break					
15:50 | 17:50	Session C13：Information Management & Knowledge Management (4)	Session C14：Hybrid Intelligent Techniques for Power, Control and Communication	Session C15：Soft Computing for Image and Signal Processing	Session C16：Cross-discipline Techniques	Session P15：Poster Session (15)	Session P16：Poster Session (16)
	Session Room 1	Session Room 2	Session Room 3	Session Room 4	Session Room 5	Session Room 6
17:50 | 20:00	Dinner Restaurant (in Intercontinental Hotel)					

Ninth International Conference on Hybrid Intelligent Systems

August 12-14, Shenyang, China
http://bit.kuas.edu.tw/~his09/

Conference Program

August 11, 2009	
Registration (Holiday Inn Hotel)	08:00-17:30

August 12, 2009	
Registration	08:00-17:30
Opening	08:30-09:20
Plenary Speech I	09:20-10:20
Break	10:20-10:40
Plenary Speech II	10:40-11:40
Lunch	11:40-13:15
Session A01~A03	13:15-15:15
Poster Session P01~P02	13:15-15:15
Coffee Break	15:15-15:40
Session A04~A06	15:40-17:40
Poster Session P03~P04	15:40-17:40
Dinner	17:40-20:00

August 13, 2009	
Registration	08:00-17:30
Plenary Speech III	08:30-09:30
Coffee Break	09:30-09:50
Plenary Speech IV	09:50-11:50
Lunch	11:50-13:20
Session B01~B03	13:20-15:20
Poster Session P09,P05~P06	13:20-15:20
Coffee Break	15:20-15:40
Session B04~A07	15:40-17:40
Poster Session P07~P08	15:40-17:40
Conference Banquet	17:40-20:00

August 14, 2009	
Registration	08:00-17:30
Session C01~C04,C17	08:30-10:20
Poster Session P10	08:30-10:20

Coffee Break	10:20-10:30
Session C05~C08	10:30-12:20
Poster Session P11~P12	10:30-12:20
Lunch	12:20-13:30
Session C09~C12	13:30-15:30
Poster Session P13~P14	13:30-15:30
Coffee Break	15:30-15:50
Session C13~C16	15:50-17:50
Poster Session P16~P17	15:50-17:50
Dinner	17:50-20:00

Session List

August 12, 2009, 13:30-15:15

A01：IP Communication
A02：Agent-based User Interface Design and Applications
A03：Intelligent Services and Applications of Web Search Engine
P01：Poster Session (1)
P02：Poster Session (2)

August 12, 2009, 15:40-17:25

A04：Agents on Networked Media and its Applications
A05：Soft Computing and Their Application to Multimedia
A06：Semantic technologies and Knowledge reasoning
P03：Poster Session (3)
P04：Poster Session (4)

August 13, 2009, 13:30-15:15

B01：Computational Modeling of Complex Systems
B02：Kernel Learning, Cluster Analysis, and its Applications
B03：Recent Advances on Swarm Intelligence (1)
P09：Poster Session (9)
P05：Poster Session (5)
P06：Poster Session (6)

August 13, 2009, 15:40-17:25

B04：Recent Advances on Swarm Intelligence (2)
B05：Innovative Computing for Image Analysis (1)
B06：Intelligent computing for control and application
B07：Theories and Applications for Wireless Sensor Networks
P07：Poster Session (7)
P08：Poster Session (8)

August 14, 2009, 08:30-09:30

C01：Novel Approaches to Pervasive Applications
C02：Information Management & Knowledge Management (1)
C03：Theories and Applications for Peer-to-Peer Overlay Networks (1)
C04：Novel Approaches to Information Security Application (1)
C17：Innovative Computing for Image Analysis (2)
P10：Poster Session (10)

August 14, 2009, 09:50-11:30

C05：Soft Computing to Industrial Management & Applications
C06：Theories and Applications for Peer-to-Peer Overlay Networks (2)
C07：Novel Approaches to Information Security Application (2)

C08：Information Management & Knowledge Management (2)
P11：Poster Session (11)
P12：Poster Session (12)

August 14, 2009, 13:30-15:15

C09：Theories and Applications for Peer-to-Peer Overlay Networks (3)
C10：Information Management & Knowledge Management (3)
C11：Design and Implementation of Control Systems
C12：Advanced Data Processing Technology
P13：Poster Session (13)
P14：Poster Session (14)

August 14, 2009, 15:40-17:25

C13：Information Management & Knowledge Management (4)
C14：Hybrid Intelligent Techniques for Power, Control and Communication
C15：Soft Computing for Image and Signal Processing
C16：Cross-discipline Techniques
P15：Poster Session (15)
P16：Poster Session (16)

A01
IP Communication
Prof. Wei-Min Lei, Chinese Academy of Sciences, China
Prof. Xiao-Ming Liu, Beijing Institute of Technology, China

A01-01, HIS-2009-IS23-01
Application of Dynamic Port VLAN Membership with Auxiliary VLAN in Campus Area Network
Ning Jiang, Lian-Cheng Shan, and Jing Zhao
Shenyang Normal University, China

A01-02, HIS-2009-IS23-02
The Design of IMS based Video Surveillance System
Jing-Hua Lin, Wei-Min Lei, and Yong Liu
Shenyang Institute of Computing Technology, China

A01-03, HIS-2009-IS23-03
An Extended Data Collaboration Mechanism for XCON Multimedia Conference
Wei Zhang, Wei-Min Lei, and Hong-Bin Li
University of Science and Technology of China, China

A01-04, HIS-2009-501
Research on Topic Relevancy of Sentences Based on HowNet Semantic Computation
Jin-Zhong Xu, Jie Liu, and Xiao-Ming Liu
Beijing Institute of Technology, China

A01-05, HIS-2009-658
Application of IP Multicast technology in computer laboratory teaching system
Bi-Jing, Song-Kai, and Li-Hang
ShenYang Normal University, China

A01-06, HIS-2009-693
Event Based Semantic Location Model in Cooperative Mobile Computing
Zheng-Yong Zhang, Jing Yang, Junz-Hong Gu, and Ying-Chen Xu
East China Normal University, China

A02
Agent-based User Interface Design and Applications
Prof. Ming-Che Hsieh, National Taitung University, Taiwan
Prof. Kuo-Liang Ou, National Hsin-Chu Uinversity of Education, Taiwan

A02-01, HIS-2009-IS02-01
Developing an IDML-based Embodied Pedagogical Agent System for Multimedia Learning
Kai-Yi Chin, Jim-Min Lin, Zeng-Wei Hong, Kun-Ta Lin, and Wei-Tsong Lee
Feng Chia University, Taiwan

A02-02, HIS-2009-IS02-03
A Machine Learning Approach for Analyzing Musical Expressions of Piano Performance
Kuo-Liang Ou, Pao-Te Tsai, and Wern-Huar Tarng
National Hsin-Chu Uinversity of Education, Taiwan

A02-03, HIS-2009-IS02-04
MDA-based UI Modeling and Transformation of Spoken Dialog Systems
Sheng-Shi Lin, Shin-Shing Shin, Ming-Che Hsieh, Jen-Her Wu, and Wei-Sheng Hung
National Taitung University, Taiwan

A02-04, HIS-2009-325
Research on Intelligent CAPP System Based on Multi-Agent System
Zhong-Bin Wang, Chao Tan, Qing Li, and Yuliu Chen
China University of Mining and Technology, China

A02-05, HIS-2009-IS18-10
Research on the Intelligent Control of Sintering Process Based on the Integrated Automation of Cement Enterprise
Hong-Liang Yu, Xiao-Hong Wang, and Zhu-Gang Yuan
University of Jinan, China

A02-06, HIS-2009-433
Visualization User Interface for Decision Support Systems
Shi-Dong Yu, Li-Guo Deng, and Yong Zhang
Shenyang Normal University, China

A02-07, HIS-2009-IS02-05
Designing an Assistive Dialog Agent for a Case of Spinal Cord Injury
Ming-Che Hsieh, Wei-Sheng Hung, Shu-Wen Lin, and Chin-Hsing Luo
National Taitung University, Taiwan

A03
Intelligent Services and Applications of Web Search Engine
Prof. Gui-Ran Chang, Northeastern University, China
Prof. Jui-Fang Chang, National Kaohsiung University of Applied Sciences, Taiwan

A03-01, HIS-2009-IS24-07
Design and Implementation of Network Resource Management System Based on SNMP
Fu-Xiang Gao, Lan-Tao Liu, and Miao Li
Northeastern University of China, China

A03-02, HIS-2009-IS24-10
A Cold-start Recommendation Algorithm Based on New User's Implicit Information and Multi-Attribute Rating Matrix
Hang Yin, Gui-Ran Chang, and Xing-Wei Wang
Northeastern University Shenyang, China

A03-03, HIS-2009-426
Research and Design of Task Driven Based Web Report Model
Chuan-Shen Zhou, and Lin Lin
Shenyang Normal University, China

A03-04, HIS-2009-699
The Evaluation of the Incomplete Linguistic Preference Relations on the performance of Web shops
Tien-Chin Wang, Shu-Chen Hsu, Shu-Chen Peng, and Jui-Fang Chang
National Kaohsiung University of Applied Sciences, Taiwan

A03-05, HIS-2009-795
Research on Service-Oriented Workflow Management System Architecture
Yong-Yi Zhao, You-Jie Feng, and Hui Liu
Shenyang Normal University, China

A03-06, HIS-2009-631
An E-learning System Architecture Based on Web Services and Intelligent Agents
Xu Wei and Jun Yan
Shenyang Normal University, China

P01
Poster Session (1)

P01-01, HIS-2009-IS25-13
Application Research on Machine Learning and Statistical Forecasting Algorithm in Traffic Information Forecasting System
Yan Pei and Guang-Ming Yang
Northeastern University, China

P01-02, HIS-2009-637
Applying Genetic Algorithm to Optimization Parameters of Missile Control System
Su-Peng Zhu, Wen-Xing Fu, Jun Yang, and Jian-Jun Luo
Northwestern Polytechnical University, China

P01-03, HIS-2009-IS09-05
Shape-Based Level Set Method for Image Segmentation
Chieh-Ling Huang
Chang Jung Christian University, Taiwan

P01-04, HIS-2009-IS07-03
A Fuzzy-Rough Hybrid Approach to Multi-document Extractive Summarization
Hsun-Hui Huang, Horng-Chang Yang, and Yau-Hwang Kuo
National Cheng Kung University, Taiwan

P01-05, HIS-2009-864
A New Scan-Line Algorithm using clustering approach
Xiao-Guang Tian, Yuke Ma, and Xiao-Rong Hou
University of Electronic Science and technology of China Chengdu, China

P01-06, HIS-2009-IS03-04
Structural Equation Model for Brand Image Measurement of Jeans
Shu-Jen Hu, Sin-Ying Jou, and Yu-Hua Liu
University of Science and Technology, Taiwan

P01-07, HIS-2009-IS01-02
Pseudo-coloring with Histogram Interpolation
Cheng-Hsiung Hsieh, Chih-Ming Lin, and Fung-Jung Chang
Chaoyang University of Technology, Taiwan

P01-08, HIS-2009-IS03-03
The Consistency of Size Effect: Time Periods, Regression Methods, and Database Selection
Robin K. Chou, Mei Yueh Huang, Jun Biao Lin, and Jen Tsung Hsu
National Central University, Taiwan

P02
Poster Session (2)

P02-01, HIS-2009-IS21-01
Predistortion in Optical Wireless Transmission using OFDM
Hany Elgala, Raed Mesleh, and Harald Haas
Jacobs University, Germany

P02-02, HIS-2009-IS26-04
An Efficient VQ-based Data Hiding Scheme Using Voronoi Clustering
Ming-Ni Wu, Puu-An Juang, and Yu-Chiang Li
National Taichung Institute of Technology, Taiwan

P02-03, HIS-2009-31
Application of LMBP Forecast Model in International Construction Claim
Shu-Jing Zhou, Lan-Jing Liu, and ChaoWu
Hebei University of Engineering, China

P02-04, HIS-2009-34
Heat Load Forecasting Based on Improved AGA-BP Non-linear Combined Model
Heuristic Factors in Ant System Algorithm for Course Timetabling Problem
Feng Ren, Ying-Zong Liu, and Ding Chao
Tianjin University, China

P02-05, HIS-2009-171
The Design and Implementation of an Enhanced SIP ALG to support MSRP sessions
Hai-Bo Yang, Hu Lin, Jin Li, and Wei-Min Lei
University of the CAS, China

P02-06, HIS-2009-201
The Study of CONN-PID Hybrid Controller
Wen-Zhao Yu
Huazhong University of Science and Technology, China

P02-07, HIS-2009-272
Design and Implementation of Interface Interactivity Based on Virtools and Serial Communication
Ying-Yan Teng, Xiao-Wei Wang, and Zong-Gang He
Institute of Information Dalian, China

P02-08, HIS-2009-1011
Hyperbolic Tangent HNN Multiuser Detection in DS-UWB Systems
Chia-Hsin Cheng, Guo-Jun Wen, Ling-Cheng Hsu, and Yung-Fa Huang
National Formosa University of Technology, Taiwan

A04
Agents on Networked Media and its Applications
Prof. Tain-Chi Lu, National Chiayi University, Taiwan
Prof. Huang-Cheng Kuo, National Chiayi University, Taiwan

A04-01, HIS-2009-IS06-01
A Rate Adaptation Scheme with Loss Differentiation for WLAN
Haoli Wang, and Chung-Chi Tsou
National Chiayi University, Taiwan

A04-02, HIS-2009-IS06-02
A New RFID Authentication Protocol with Ownership Transfer in an Insecure Communication Environment
Chih-Hung Wang, and Shan Chin
National Chiayi University, Taiwan

A04-03, HIS-2009-IS06-03
Finding Time-delayed Gene Regulation Patterns from Microarray Data
Huang-Cheng Kuo, Pei-Cheng Tsai, and Jen-Peng Huang
National Chiayi University, Taiwan

A04-04, HIS-2009-IS06-04
The Lower Hops Selection Scheme for Constructing the Multihoming NEMO
Long-Sheng Li, Jhu-Shyuan Mei, Yao-Hui Tsai, and Gwo-Chuan Lee
National Chiayi University, Taiwan

A04-05, HIS-2009-IS06-05
MOG Platform using Mobile Agents for Resource Transactions
Jin-Hung Ke, Yuchieh Kao, and Tainchi Lu
National Chiayi University, Taiwan

A04-06, HIS-2009-860
The Patching Methods of the Bayesian Network Data
Yis-Han Gong, and Jia Hao
Shenyang University of Technology, China

A04-07, HIS-2009-976
Sentence Features Fusion for Text Summarization Using Fuzzy Logic
Ladda Suanmali, Mohammed Salem Binwahlan, and Naomie Salim
Suan Dusit Rajabhat University, Thailand

A05
Soft Computing and Their Application to Multimedia
Dr. Ming-Huwi Horng, National Pingtung Institute of Commerce, Taiwan
Dr. Horng-Chang Yang, National Taitung University, Taiwan

A05-01, HIS-2009-IS07-02
Multi-level Thresholding Selection by Using the Honey Bee Mating Optimization
Ren-Jean Liou, Ming-Huwi Horng, and Ting-Wei Jiang

A05-02, HIS-2009-541
Image Fusion Algorithm Using Pyramidal Empirical Mode Decomposition
Hui Li, and You-Zhi Zheng
Shenyang Normal University, China

A05-03, HIS-2009-677
Prediction of O-linked Glycosylation Sites in Protein Sequence by PCA-LDA
Xue-Mei Yang
Xianyang Normal University, China

A05-04, HIS-2009-953
Simulative Performance Analysis of Resilient Packet Ring in Protection Modes
Wen-Fong Wang and Ching-Sung Lu
National Yunlin University of Science & Technology, Taiwan
Tajen University, Taiwan

A05-05, HIS-2009-IS07-04
Honey Bee Mating Optimization Scheme for Active Contour Model
Ming-Huwi Horng, Jin-Yi Chen, and Ren-Jean Liou

A05-06, HIS-2009-961
News Summarization Based on Semantic Similarity Measure
Hui Yu
China University of Petroleum, China

A05-07, HIS-2009-1024
A two-stage hybrid approach for feature selection in microarray analysis
Chung-Hong Lee, Hsin-Chang Yang, Chih-Hong Wu, and Yi-Chia Lan
National Kaohsiung University of Applied Sciences, Taiwan

A06
Semantic technologies and Knowledge reasoning
Prof. Jong-Yih Kuo, National Taipei University of Technology, Taiwan
Prof. Chien-Chang Hsu, Fu-Jen Catholic University, Taiwan

A06-01, HIS-2009-IS11-01
Applying concept mapping on the influent learning in virtual classroom
Rong-Chung Chen and Shu-Chen Liu
Chaoyang University of Technology, Taiwan

A06-02, HIS-2009-IS11-02
Ontology-Supported Web Recommender for Scholar Information
Sheng-Yuan Yang and Chun-Liang Hsu
St. John's University, Taiwan

A06-03, HIS-2009-IS11-03
Towards a Multi-Agents Architecture for GQM Measurement System
Yong-Yi Fan Jiang, and Chung-Hao Wu
Fu Jen Catholic University, Taiwan

A06-04, HIS-2009-IS11-04
An Evolutionary Fuzzy Behaviour Controller using Genetic Algorithm in RoboCup Soccer Game
Jong-Yih Kuo and Yuan-Cheng Ou
National Taipei University of Technology, Taiwan

A06-04, HIS-2009-IS11-05
A Modified K-means Algorithm for Sequence Clustering
Jia-Lien Hsu, and Hong-Xiang Yang
Fu Jen Catholic University, Taiwan

A06-05, HIS-2009-IS11-06
An Intelligent Fuzzy Affective Computing System for Elderly Living Alone
Chein-Chang Hsu and You Yin Chien
Fu-Jen Catholic University, Taiwan

A06-06, HIS-2009-IS11-07
Medical Adverse Events Classification for Domain Knowledge Extraction
Rung-Ching Chen, Pao-Cho Tsan, I-Yen Lee, and Jiin-Chyr Hsu
University of Technology Taichung, Taiwan

P03
Poster Session (3)

P03-01, HIS-2009-284
A Classification Algorithm based on an Association Rule of Multiple Frequent Item-sets
Zhi-Heng Liang
Shenyang Normal University, China

P03-02, HIS-2009-384
Fault Prediction Model Based on Phase Space Reconstruction and Least Squares Support Vector Machines
Yun-Hong Gao, and Yi-Bo Li
Nanjing University, China

P03-03, HIS-2009-390
Pitch in Speaker Recognition
Jian-Wei Zhu, Shui-Fa Sun, Xiao-Li Liu, and Bang-Jun Lei
College of Electrical Engineering and Information Technology, China

P03-04, HIS-2009-400
An Entropy-Based Fuzzy Controllers QoS Routing Algorithm in MANET
Hua Chen, Baolin Sun, Yue Zeng, and Xianying He
Wuhan University of Science and Engineering China

P03-05, HIS-2009-404
Optimization Algorithm Based on T-S Fuzzy Model of Self-adaptive Disturbed Particle Swarm Optimization and Neural Network
Jian-Fang Wang, and Wei-Hua Li
Northwestern Polytechnical University, China

P03-06, HIS-2009-459
A Special Supervised Learning Algorithm and Its Applications
Yan-Jun Pang, Jiqiang Chen, and Nian-Peng Wang
Hebei University of Engineering, China

P03-07, HIS-2009-492
A Security Technology for Mobile Agent System Improved by Trusted Computing Platform
Zhi-Dong Shen, and Qiang Tong
Wuhan University, China

P03-08, HIS-2009-517
Dynamic Execution Strategy of Web Service Composition Based on e_SPDL and Service Container
Dan Yang, Hong Wang, and Yang Liu
Technology Liaoning Software College Anshan, China

P04
Poster Session (4)

P04-01, HIS-2009-555
Solenoid Valve Switching Characteristic Test System Design
Xue-Ling Song, Ying-Bao Zhao, Chao-Ying Liu, and Zhe-Ying Song
Hebei University of Science and Technology, China

P04-02, HIS-2009-567
Optimizing the QoS Performance of Fast Rerouting
Xin Li, Qin Zhen, and Yu Tao
Beijing University of Posts and Telecommunications, China

P04-03, HIS-2009-577
Automated thickness measurement of nacreous layer of seawater pearls based on Optical Coherence Tomography
Cheng-Kun Xue, Yan-Kui Sun, Dao-Shun Wang, and Peng Li
Tsinghua University,Beijing, China

P04-04, HIS-2009-585
Automated thickness measurements of pearl from optical coherence tomography images
Ming Lei,Yan-Kui Sun, Dao-Shun Wang, and Peng Li
Tsinghua University,Beijing, China

P04-05, HIS-2009-604
A General Model Checking Method of Electronic Transaction Protocols Using Colored Petri Nets
Meng Xu, Gui-Ping Su, and Jin Wei
University of Chinese Academy of Sciences, China

P04-06, HIS-2009-661
An extended Fuzzy AHP based Partner Selection and Evaluation for Aeronautical Subcontract Production
Zhiqiang Jiang, Xi-Lan Feng, and Jin-Fa Shi
Zhengzhou Institute of Aeronautical Industry Management, China

P04-07, HIS-2009-687
Research on Simulating-Human Intelligent Control Method For The cold-storage of Fruits and Vegetables
Kai-Sheng Zhang, Jia-An Zhang, and Guo-Fa Guo
Shaanxi University of Science and Technology, China

P04-08, HIS-2009-838
Ontology Driven Semantic Search over Structure P2P Network
Jinqing Cai, Xiuli Shao, and Wen-Hui Ma
Nankai University, China

B01
Computational Modeling of Complex Systems
Prof. Chun-Xiao Zhao, Beijing University of Civil Engineering and Architecture, China
Prof. Cheng-Cheng Wang, Beijing University of Civil Engineering and Architecture, China

B01-01, HIS-2009-IS17-01
Computational Modeling of Complex Systems:Case Study in Real World
Chun-Xiao Zhao and Li-Jun Wang
Beijing University of Civil Engineering and Architecture, China

B01-02, HIS-2009-IS17-03
Mining Topology Characteristics and Evolution of Large-scale Software from Core-shell Structure
Hao-Hua Zhang, Yu-Fu Deng, Wei-Yi Qi, Jiang-Wen Feng, and Li-Qing Zhang
ShenYang Normal University, China

B01-03, HIS-2009-IS17-05
The Netlogo-based Dynamic Model for the Teaching
Long-Bin Jiang and Chun-Xiao Zhao
Shenyang Normal University,China

B01-04, *HIS-2009-IS17-07*
Research on Searching Mechanism Based on Interest in Kademlia
Chun-Xiao Zhao, and He Zhang
Beijing University, China

B01-05, HIS-2009-IS17-08
Temperature Control System of the Thermal Analyzer Based on Fuzzy PID Controller
Zhi-Xue Dong, Yi-La Su, Xiang-Yong Yan
Inner Mongolia University of Technology, China

B01-06, HIS-2009-IS17-11
The Measurement and Evaluation for Large-scale Object-oriented Software System
Ming-Guang Zhu, Hao-Hua Zhang, Wei-Yi Qi, Shi-Jun Ma, and Chuan-Yin Wang
ShenYang Normal University, China

B01-07, HIS-2009-IS17-12
An Integrated Simulation Platform for Railway Synthetic Monitor and Control System in Multiple Layer Transportation Hinge
Zhang Lei, Chen Zhi-Xin, Wang Jia, and Yin Xiao-Hong
Beijing University of Civil Engineering and Architecture, China

B01-08, HIS-2009-IS17-016
Study on the Network Structure of the Regional Security Monitoring Center in Comprehensive Transportation Hubs
Cheng-Cheng Wang , Jia Wang, and Zhi-Xin Chen

Beijing University of Civil Engineering and Architecture, China

B02
Kernel Learning, Cluster Analysis, and its Applications
Prof. Lian-Qiang Niu, Shenyang University of Technology, China
Prof. Xiao-Fen Zhang, Shenyang Normal University, China

B02-01, HIS-2009-526
Two Stage Semantic Relation Extraction
Ji-Bin Fu, Xiao-Zhong Fan, Jin-Tao Mao, and Xiao-Ming Liu
Beijing Institute of Technology, China

B02-02, HIS-2009-251
Research on Construction and Encoding Method of Virtual Query Ontology Tree
Ya-Jie Fei, and Wei-Guang Tong
Shenyang Institute of Engineering, China

B02-03, HIS-2009-537
A novel data mining model based on SOAP in e-commerce
Xiao-Fen Zhang, Ben Niu, and Jing Zhao
Shenyang Normal University, China

B02-04, HIS-2009-627
Chinese Unknown Words Extraction Based on Word-Level Characteristics
Wen-Bo Pang, Xiaoz-Hong Fan, Yi-Jun Gu, and Jiang-De Yu
Beijing Institute of Technology, China

B02-05, HIS-2009-1219
A Time-Efficient Method for Metaheuristics: Using Tabu Search and Tabu GA as a Case
Chun-Wei Tsai, Shih-Pang Tseng, Ming-Chao Chiang, and Chu-Sing Yang
National Sun Yat-sen University, Taiwan

B02-06, HIS-2009-1224
Application of Reinforcement Learning in Autonomous Navigation for Virtual Vehicles
Lian-Qiang Niu and Ling Li
Shenyang University of Technology, China

B03
Recent Advances on Swarm Intelligence (1)
Prof. Zhi-Hua Cui, Taiyuan University of Science and Technology, China
Prof. Yong-Bo Yuan, Dalian University of Technology, China

B03-01, HIS-2009-IS14-01
Individual Cognitive Parameter Setting Based on Black Stork Foraging Process
Zhi-Hua Cui
Taiyuan University of Science and Technology, China

B03-02, HIS-2009-IS14-02
Using Small-world Model to Improve the Performance of Alignment Particle Swarm Optimization
Xing-Juan Cai
Taiyuan University of Science and Technology, China

B03-03, HIS-2009-641
Analysis and Improvement of Extremum Random Disturbed Arithmetic Operator of A PSO Algorithm
Hou Qing-Jian and Wang Hong-Li
aXi'an Research Inst. of Hi-Tech, China

B03-04 HIS-2009-1016
A Solution to Resource-Constrained Project Scheduling Problem
Yongbo Yuan, Kai Wang, and Le Ding
Dalian University of Technology, China

B03-05 HIS-2009-1070
Canonical Coin Systems for CHANGE-MAKING Problems
Xuan Cai
Shanghai Jiao Tong University, China

B03-06 HIS-2009-1081
Iterative Local Search Heuristic for the Single Machine Scheduling Problem with Sequence Dependent Setup Times and Due Dates
José Elias C. Arroyo, Gilberto Vinicius P. Nunes, and Edmar Hell Kamke
Universidade Federal de Viçosa, Brazil

P09
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P09-01, HIS-2009-615
Optimal Scheduling for the Cleaning Spin Pack in Polyester Production
Jin Hui, Yue-Ling Zhao, and Da-Zhi Wang
Liaoning University of Technology, China

P09-02, HIS-2009-IS16-09
Study of Rotating Machinery Fault Diagnosis Model with Integrating Neural Network and Expert System
Yanqiu Wang and Kejian Yang
Liaoning University of Technology, China

P09-03, HIS-2009-IS16-10
The Research on NURBS Curve Extraction Method of New Type Numerical Control Machine
Ya-Ling Jin, Ying-Ying Liu, Jing-Min Wei, and Xin-Xin Guo
Shenyang Ligong University, China

P09-04, HIS-2009-IS17-02
Using Multi-Phase Cost-Sensitive Learning to Filtering Spam
Wen-Bin Li, Yiying Cheng, Tai-Feng Liu, Xin-Dong Zhang, and Ning Zhong
Shijiazhuang University, China

P09-05, HIS-2009-IS17-09
Research of Campus Wireless Mobile Model
Ding Ning, Chun-Xiao Zhao, Lu Gao, and Li-Jun Wang
University of Science and Technology, China
Beijing University of Technology, China

P09-06, HIS-2009-IS17-14
A New Algorithm for Designing Square Root Calculators based on FPGA with Pipeline Technology
Xiu-Min Wang, Yang Zhang, Qiang Ye, and Shi-Hua Yang
China Jiliang University, China

P09-07, HIS-2009-IS17-017
A New Design of HDB3 Encoder and Decoder Bsed on FPGA
Yang Zhang, Xiu-Min Wang, and Yu-Duo Wang
China Jiliang University, China

P09-08, HIS-2009-IS18-01
Backing up Truck Control automatically Based on LOS
Jing Wang and Yong Zhang
School of Control Science and Engineering University of Jinan, China

P05
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P05-01, HIS-2009-842
The AdaBoost Algorithm with Prior Probabilities and the Visualization Demonstrated in GIS for Geo-hazard Forecasting
Xiang-Hui Zhao, Zhong-Liang Fu, Yao Yu, and Miao Qing
Chinese Academy of Sciences, China

P05-02, HIS-2009-850
High Accuracy and Reliability Integrated Navigation Method for Long endurance Aircraft
Bo Yang, Yue-Gang Wang, and Yan Chai
Xi'an Research Inst. Of High-Tech, China

P05-03, HIS-2009-855
Online Monitoring and Intelligent Diagnosis System Based on Hybrid Wireless Network for Large Complicated Equipment
Zhang Jinyu, Cai Wei, Huang Xian-Xiang, and Xie Jian
Xi’an Research Institute of High-tech Xi’an, China

P05-04, HIS-2009-870
The DCS of Waste Heat Power Generation of Cement Plant Based on Fuzzy Control
Shao-Yun Wang, Qing-Jin Meng, and Jing-Jian Wu
University of Jinan, China

P05-05, HIS-2009-887
Exact Solutions for the Generalized Derivative Schrodinger Equation
Yuan-Yuan Zhang
China Three Gorges University, China

P05-06, HIS-2009-1020
A Fuzzy Approach for Vision-based Object Perception in Robot Telecontrol
Chen-Sheng Wang, Fei Wang, Xiao-Chun Wang, Joris S.M. Vergeest, and Tjamme Wigers
Beijing University, China

P05-07, HIS-2009-1090
Optimizing Research of Man on Board Automated Storage and Retrieval System Goods Storing and Retrieving Problem
Wei-Jun Zhang, and Qi Liu
Shenyang institute of aeronautical engineering, China

P05-08, HIS-2009-1100
A Particle Swarm Optimization with Feasibility-based Rules for Mixed-variable Optimization Problems
Chao-Li Sun, Jian-Chao Zeng, and Jeng-Shyang Pan
Taiyuan University of Science and Technology, China

P06
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P06-01, HIS-2009-1104
Image Segmentation Based on GC-CV
Ye Hou, Bao-long Guo, Jeng-Shyang Pan, and Chin-Shiuh Shieh
Xidian University, China
Shenzhen Graduate School Harbin Institute of Technology, China

P06-02, HIS-2009-1108
The Turbo equalization in Bit Interleaved Coded Modulation with Iterative Decoding
Wu-Sheng Zhao, Yong-Qing Fu, and Qiang Lv
Harbin Engineering University, China

P06-03, HIS-2009-1141
An Energy-aware Routing Algorithm for Heterogeneous Wireless Sensor Networks
Ying Liang and Yong-Xin Feng
Shenyang Ligong University-Liaoning Province, China

P06-04, HIS-2009-1165
Petri Net Simulation Algorithm of the Shortest Path in Transportation of Wartime
Liu Xuan and Sheng-Guo Huang
Nanjing University of Aeronautics & Astronautics, China

P06-05, HIS-2009-116
Strong Simultaneous Stabilization for a class of Generalized Linear System
Jing Ma and Kun Ma
University of Jinan, China
China Petroleum Engineering Co., China

P06-06, HIS-2009-122
General Controller for a class of Singular System Simultaneous Stabilization
Jing Ma, and Zhi-Wei Gao
University of Jinan, China

P06-07, HIS-2009-764
Comparative study on class imbalance learning for credit scoring
Ping Yao
Heilongjiang Institute of Science and Technology, China

P06-08, HIS-2009-767
Credit scoring using ensemble machine learning
Ping Yao
Heilongjiang Institute of Science and Technology, China

B04
Recent Advances on Swarm Intelligence (2)
Prof. Zhi-Hua Cui, Taiyuan University of Science and Technology, China
Prof. Shi-Dong Yu, Shenyang Normal University, China

B04-01, HIS-2009-IS14-05
A New Individual-decision Cognitive Learning Factor Selection Strategy
Guo-Hui Jiao, and Zhi-Hua Cui
Taiyuan University of Science and Technology, China

B04-02, HIS-2009-547
RBF Neural Network based on Fuzzy Evolution Kalman Filtering and Application in Mine Safety Monitoring
Yong Zhang, Qing-Dong Du, Shi-Dong Yu, and Jeng-Shyang Pan
Shenyang Normal University, China

B04-03, HIS-2009-982
Research and Simulation of Dynamic Resource Management Algorithm
Na Lin, Xue-Ming Guan, and Li-Xue Song
Northeastern University, China

B04-04, HIS-2009-988
Self Organizing Features Map with Improved Segmentation to Identify Touching of Adjacent Characters in Handwritten Words
Fajri Kurniawan, Amjad Rehman, Dzulkifli Mohamad, and Siti Mariyam Shamsudin
Universiti Teknologi, Malaysia

B04-05, HIS-2009-1060
Paths Optimal Ordering Algorithm Based on MPLS Traffic Engineering
Na Lin, Wan-Fang Lv, and Tao Yang
Northeastern University, China

B04-06, HIS-2009-1066
Research on Reconciliation Algorithm in Quantum Key Distribution
Chang-Qing Gong, Hong-Yuan Zhou, and Jian-Li Feng
Computer College Shenyang Institute of Aeronautical Engineering, China

B05
Innovative Computing for Image Analysis (1)
Prof. Hsiang-Cheh Huang, National University of Kaohsiung, Taiwan
Prof. Yueh-Hong Chen, Far East University, Taiwan

B05-01, HIS-2009-1096
Fuzzy-based Bacterial Foraging for Watermarking Applications
Hsiang-Cheh Huang, Yueh-Hong Chen, and Guan-Yu Lin
National University of Kaohsiung, Taiwan

B05-02, HIS-2009-1229
Genetic Watermarking Based on Wavelet Packet Transform
Yueh-Hong Chen and Hsiang-Cheh Huang
Far East University, Taiwan

B05-03, HIS-2009-337
A Self-Reference Watermarking Scheme Based on Wet Paper Coding
Chin-Chen Chang, Pei-Yu Lin, and Jung-San Lee
Feng Chia University, Taiwan

B05-04, HIS-2009-1117
Image Sequences Based Traffic Incident Detection for Signaled Intersections Using HMM
Yue-Xian Zou, Guang-Yi Shi, Hang Shi, and Yi-Yan Wang
Shenzhen Graduate School of Peking University, China

B05-05, HIS-2009-1151
Video Image Vehicle Detection System for Signaled Traffic Intersection
Yi-Yan Wang, Yue-Xian Zou, Hang Shi, and He Zhao
Shenzhen Graduate School of Peking University, China

B06
Intelligent computing for control and application
Prof. Yong Zhang, University of Jinan, China
Dr. Tao Shen, University of Jinan, China

B06-01, HIS-2009-IS18-02
The design of an observer-based neural adaptive controller for a class of nonlinear systems with input-constrained
Fang Min, Xue-Yan Yang, Hui Fang, and Xiao-Li Bai
University of Jinan, China

B06-02, HIS-2009-IS18-06
Practical Stability of Large-scale Stochastic Markovian Jump Systems with Time-delays
Ping Zhao and Yan Zhao
University of Jinan, China

B06-03, HIS-2009-667
An Efficient Neuro-Fuzzy-Genetic Data mining Framework Based On Computational Intelligence
Zhi-Bing Zhang
Jiangxi University of Finance & Economics, China

B06-04, HIS-2009-421
Implementation of a General Ethernet Interface for Embedded System
Chuan-Sheng Zhou and Fu Chong
Shenyang Normal University, China

B06-05, HIS-2009-IS18-12
Research on Dynamic Model of Preheater base on RBF-ARX Model
Zhu-Gang Yuan and Jun-Jian Wang
University of Jinan, China

B06-06, HIS-2009-IS18-13
The Application of Intelligent Control to Combustion Control System of CFB Boiler
Qing-Jin Meng, Bao-Ling Xing, Hong-Liang Yu, and Jing-Jian Wu
University of Jinan, China

B06-07, HIS-2009-IS18-14
Fuzzy Identification for State of Burning Zone in Cement Vertical Kiln
Zhugang Yuan and Hong-Liang Yu
University of Jinan, China

B07
Theories and Applications for Wireless Sensor Networks
Prof. Gui-Ran Chang, Northeastern University, China
Dr. Jie Jia, Northeastern University, China

B07-01, HIS-2009-IS22-04
Frequent Items Computation over Uncertain Wireless Sensor Network
Shuang Wang, Guoren Wang, Xiao-Xin Gao, and Zhen-Hua Tan
Northeastern University, China

B07-02, HIS-2009-IS22-05
Research and Implementation of Embedded Intelligent Network Self-Healing Equipment Based on E1 Link
Jing-Ping Song, Zhi-Liang Zhu, Ye Yang, Hai Yu , and Meng-Meng Li
Northeastern University, China

B07-03, HIS-2009-IS22-07
Optimization of Resource Allocation in Multi-radio Multi-Channel Wireless Mesh Networks
Jian Chen, Jie Jia, Ying-You Wen, Da-Zhe Zhao, and Ji-Ren Liu
Northeastern University, China

B07-04, HIS-2009-IS22-09
Sleep Scheduling based on Probabilistic Detection Model for Wireless Sensor Networks
Jie Jia, Ruiyun Yu, Jie Li, Lin-Liang Zhao, and Guiran Chang
Northeastern University, China

B07-05, HIS-2009-746
Study of ZigBee Wireless Mesh Networks
Jing Sun and Xiao-Fen Zhang
Shenyang Normal University, China

P07
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P07-01, HIS-2009-912
Ultrasonic Testing Signal Processing of Weld Flaw Based on the Second Generation Wavelet
Gao-Hua Liao and Jun-Mei Xi
Nanchang Institute of Technology, China

P07-02, HIS-2009-918
Pipeline weld detection system based on machine vision
Gao-Hua Liao and Jun-Mei Xi
Nanchang Institute of Technology, China

P07-03, HIS-2008-226
Available Bandwidth Estimation in IEEE 802.11 ad hoc networks
Qing-Hui Wang, Ansong Feng, and Jing-Xing Cao
Shenyang Institute of Chemical Technology, China

P07-04, HIS-2009-234
Software Design of Embedded VideoTelephone Based on PJSIP Stack
Lifeng Wei, Qing-Hui Wang, and Hong-Wei Ren
Shenyang Institute of Chemical Technology, China

P07-05, HIS-2009-966
The Fault Diagnosis Model Of Transformer Which Based On The Technology Of Information Fusion
Yis-Han Gong and Bo Zhang
Shenyang University of Technology, China

P07-06, HIS-2009-IS13-01
Initializing K-means Clustering Using Affinity Propagation
Yan Zhu, Jian Yu, and Cai-Yan Jia
Beijing Jiaotong University, China

P07-07, HIS-2009-IS13-02
Otsu method and K-means
Dong-Ju Liu and JianYu
Beijing Jiaotong University, China

P07-08, HIS-2009-IS14-06
Inertia Weight Selection Strategy Based On Lyapunov Stability Analysis
Weibing Fan, Zhihua Cui, and Jianchao Ceng
Taiyuan University of Science and Technology,China

P08
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P08-01, HIS-2009-IS14-08
Dynamic Population-based particle swarm optimization combined with crossover operator
Yan-Jiang Miao, ZhiHua Cui, and JianChao Zeng
Taiyuan University of Science and Technology, China

P08-02, HIS-2009-IS14-09
Probability Diffused Particle Swarm Optimization
Qiu-Yan Qin, Zhi-Hua Cui, and Jian-Chao Zeng
Taiyuan University of Science and Technology, China

P08-03, HIS-2009-IS14-10
Comparison and Analysis of the Selection Mechanism in the Artificial Bee Colony Algorithm
Li Bao and Jian-Chao Zeng
Taiyuan University of Science and Technology, China

P08-04, HIS-2009-IS15-01
The Performance Optimization of CLIPS
Yu-Xin Ding, Qing Wang, and Jia-Hua Huang
Harbin Institute of Technology Shenzhen Graduate School, China

P08-05, HIS-2009-IS15-02
Reachback Firefly Synchronicity with Late Sensitivity Window in Wireless Sensor Networks
Lin Cui and Hong-Peng Wang
Harbin Institute of Technology Shenzhen Graduate School, China

P08-06, HIS-2009-IS15-03
A New Integration Method for Reliable Abstract Sensors
Neng Luo and Hongpeng Wang
Harbin Institute of Technology Shenzhen Graduate School, China

P08-07, HIS-2009-IS16-01
A Modeling Method to Size Concentration in Slashing Process using Principal Component Analysis
Yu-Xian Zhang and Jian-Hui Wang
Tsinghua University, China

P08-08, HIS-2009-IS16-02
Simulation Study of AC Motor Speed Sensorless Vector Control System Based on SVPWM
Hui Jin, Yue-Ling Zhao, and Da-Zhi Wang
Liaoning University of Technology, China

C01
Novel Approaches to Pervasive Applications
Prof. Bao-Rong Chang, National University of Kaohsiung, Taiwan
Prof. Chin-Feng Lee, Chaoyang University of Technology, Taiwan

C01-01, HIS-2009-IS01-01
A Fast and Effective Approach to Lane Marking and Neighboring Vehicles Detections Based on Vision/GPS Sensing Together with Vehicle-to-Vehicle Communication
Bao Rong Chang, Hsiu-Fen Tsai, and Chung-Ping Young
National University of Kaohsiung, Taiwan

C01-02, HIS-2009-IS01-03
A VSS Scheme of Image Size Invariant for Vertical Edge Enhancement
Chin-Feng Lee, Chin-Chen Chang, and Tien-Chung Liu
Chaoyang University of Technology, Taiwan

C01-03, HIS-2009-IS01-04
Intermediate-Scale Instability Phenomena of Buck-Boost Power Factor Correctors
Fei-Hu Hsieh, Hen-Kung Wang, Po-Lun Chang, and Chi-Syuan Chang
Lung-Hwa University of Science and Technology, Taiwan

C01-04, HIS-2009-103
On Dynamics of Student Networks
Ye Xu and Zhuo Wang
Shenyang Ligong University, China

C01-05, HIS-2009-342
Research on Network Teaching System Based on Open Source Framework
Bo Song and Jing Zhao
Shenyang Normal University, China

C02
Information Management & Knowledge Management (1)
Prof. Xue-Ying Wang, Shenyang Normal University, China
Prof. Yi-Gang Zhou, Wuhan University, China

C02-01, HIS-2009-IS28-02
An Open Source Toolkit for Grid Resources Scheduling in Digital Library
Yigang Zhou, Hui Dong, and Ziran Zhang
Wuhan University,China

C02-02, HIS-2009-IS28-03
A Protégé Plug-in for Modeling Dimensional Ontology
Hui Dong, Siwei Yu, and Ying Jiang
Wuhan University, China

C02-03, HIS-2009-IS28-04
A Novel Weighted Fuzzy Clustering Analysis Based On AFS Theory
Yanli Zhang, Xiao-Dong Liu, and Xue-Ying Wang
ShenYang Normal University, China

C02-04, HIS-2009-IS28-05
A Novel Data Purification Algorithm Based On Outlier Mining
Jian-Feng Dong, Xiao-Feng Wang, Feng Hu, and Liyan Xiao
Wuhan Uinversity, China

C02-05, HIS-2009-IS28-06
An Improved Anti-collision Algorithm in RFID System
Jia-lin Ma and Xu Wei
Shenyang Normal University, China

C02-06, HIS-2009-IS28-07
Research into Web-based 4PL supply chain system model of Multi-TPLs —Information-based Model Suitable for Chinese TPL
Yan Zhang and Shurong Guo
Shenyang University, China

C03
Theories and Applications for Peer-to-Peer Overlay Networks (1)
Prof. Tian-Hua Liu, Shenyang Normal University, China
Dr. Zhen-Hua Tan, Shenyang Normal University, China

C03-01, HIS-2009-IS25-01
An Improved Peer-to-Peer Routing Algorithm K-CSSP Based on Communication History Clustered by K-means
Zhen-Hua Tan, Guiran Chang, Wei Cheng, and Yi Ma
Northeastern University, China

C03-02, HIS-2009-IS25-02
Research on the Epidemic Model in P2P File-sharing System
Wei Yang, Wei Ying, Gui-Ran Chang, and Zhuo-Qun Zhang
Northeastern University Shenyang, China

C03-03, HIS-2009-IS25-03
A Signature-behavior-based P2P worm detection approach
Yu Yao, Yong Li, Fu-Xiang Gao, and Ge Yu
Northeastern University, China

C03-04, HIS-2009-IS25-04
A P2P Network Topology Optimized Algorithm Based on Minimum Maximum K-Means Principle
Yi Ma, Zhen-Hua Tan, Guiran Chang, and Xiao-Xing Gao
Software College of Northeastern University, China

C03-05, HIS-2009-IS25-05
An Efficient Concealment Searching Model in P2P Network
Hong-Feng Zhu, Tian-Hua Liu, and Zhen-Hua Tan
Shenyang Normal University Shenyang , China

C03-06, HIS-2009-229
A P2P –Grid Model for Traversing NAT in SIP Communication
Qinghui Wang, Lifeng Wei, and Danbin Liu
Shenyang Institute of Chemical Technology, China

C04
Novel Approaches to Information Security Application (1)
Prof. Wen-Chung Kuo, National Formosa University, Taiwan
Prof. Iuon-Chang Lin, National Chung Hsing University, Taiwan

C04-01, HIS-2009-IS26-01
An Enhancement of JPEG Still Image Compression with Adaptive Linear Regression and Golomb-Rice coding
Chin-Chen Chang and Yeu-Pong Lai
Feng Chia University, Taiwan

C04-02, HIS-2009-IS26-02
An Efficient Mutual Authentication Protocol for RFID Systems
Iuon-Chang Lin, Rui-Kun Luo, and Shih-Chang Tsao
National Chung Hsing University, Taiwan

C04-03, HIS-2009-790
Robust and Simple multi-server authentication protocol without verification table
Hong-Feng Zhu, Tian-Hua Liu, and Jie Liu
Shenyang Normal University, China

C04-04, HIS-2009-927
Fuzzy Mamdani Inference System Skin Detection
Ali Selamat, Mohd Aizaini Maarof, and Tey Yi Chin
Universiti Teknologi Malaysia Faculty of Computer Science and Information Systems , Malaysia

C04-05, HIS-2009-1036
A Memetic Algorithm for the Generalized Minimum Vertex-Biconnected Network Problem
Bin Hu, and Günther R. Raidl
Vienna University of Technology Favoritenstraße, Austria

C17
Innovative Computing for Image Analysis (2)
Prof. Chuan-Yu Chang, National Yunlin University of Science and Technology, Taiwan
Prof. Wu-Chih Hu, National Penghu University, Taiwan
Prof. Ku-Yaw Chang, Da-Yeh University, Taiwan, Taiwan

C17-01, HIS-2009-IS09-01
Automatic Diagnosis of Thyroid Graves' Disease in Ultrasound Images
Chuan-Yu Chang, Hsiang-Yi Liu, Chin-Hsiao Tseng, and Shyang-Rong Shih
National Yunlin University of Science & Technology, Taiwan

C17-02, HIS-2009-IS09-02
Integrating the Validation Incremental Neural Network and Radial-Basis Function Neural Network for Segmenting Prostate in Ultrasound Images
Chuan-Yu Chang, Yi-Lian Wu, and Yuh-Shyan Tsai
National Yunlin University of Science & Technology, Taiwan

C17-03, HIS-2009-353
Semi-automatic Road Extraction from High-resolution Remote Sensing Image: Review and Prospects
Yi-Bo Li, Li-Li Xu, and Hui Piao
Shenyang Institute of Aeronautical Technology, China

C17-04, HIS-2009- 489
A new Approach of Image Enhancement based on Multi-Scale Morphological Reconstruction
Shu Yang, Cai-rong Wang, and Ligou Deng
Shenyang Normal University, China

C17-05, HIS-2009-IS09-03
Video Object Segmentation by Integrating Motion Information and Gradient Compensation without Background Construction
Wu-Chih Hu, Ching-Yu Yang, Deng-Yuan Huang, and Jung-Fu Hsu
National Penghu University, Taiwan

C17-06, HIS-2009-IS09-04
Articular Cartilage Segmentation Based on Radial Transformation
Ku-Yaw Chang, Shao-Jer Chen, Lih-Shyang Chen, and Cheng-Jung Wu
Da-Yeh University, Taiwan

P10
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P10-01, HIS-2009-IS18-03
Singular Rough Decision and Secure Transmission of Decision Conclusion
Hai-Qing Hu, Chong Li, and Chun-Mei Li
University of Jinan, China

P10-02, HIS-2009-IS18-04
Bilinear Control for Global Controllability of the Parabolic-Elliptic Equations
Xiju Zong and Xin-Gong Cheng
University of Jinan, China

P10-03, HIS-2009-IS18-11
Research on Turn Ratio of Magnetic Valve Type Controlled Reactor Based on Bifurcation Theory
Yong-Feng Zhang, Xingong Cheng, and Xi-Ju Zong
University of Jinan, China

P10-04, HIS-2009-IS18-05
The Bang-Bang Control of Water Tank System Based on Fuzzy Decision
Xin-Li Fang, Tao Shen, and Xue-Song Feng
University of Jinan, China

P10-05, HIS-2009-IS18-07
MES Based on Data Integration in Cement Enterprise
Shao-Hong Jing and Xiao-Hong Wang
University of Jinan , China

P10-06, HIS-2009-IS18-09
Load Distribution Optimization System Based on MSCGA
Yan Wang, Ying Yan, and Shan-Ping Qiao
University of Jinan, China

P10-07, HIS-2009-IS22-01
Research on the Discovery of Blind Spots in Wireless Sensor Networks Basedon Voronoi Diagram
Liz-Hong Jin, Guiran Chang, Dan Jiang, and Xing-Wei Wang
Northeastern University, China

P10-08, HIS-2009-IS22-03
The Mechanism of Weak Dynamic Resource Reservation based on Signal Prediction Priority Queuing in Wireless Access Networks
Jie Li, Xing-Wei Wang , Jie Jia, and Min Huang
Northeastern University, China

C05
Soft Computing to Industrial Management & Applications
Prof. Tien-Tsai Huang, Lunghwa University of Science and Technology, Taiwan
Prof. Meng Lei, Shenyang Normal University, China

C05-01, HIS-2009-IS03-01
Applying Fuzzy Model on the Evaluation of Library Service Quality
Tien-Tsai Huang, Su-Yi Huang, and Yi-Hui Chen
Lunghwa University of Science and Technology, Taiwan

C05-02, HIS-2009-IS03-02
A Developed Restricted Rotation for Binary Trees Transformation
Ro-Yu Wu, Jou-Ming Chang, and Chir-Ho Chang
Lunghwa University of Science and Technology, Taiwan

C05-03, HIS-2009-IS16-03
The Neural Network Adaptive Filter Model Based on Wavelet Transform
Xiao Qian, Ge Gang, and Jian-Hui Wang
Northeastern University, China

C05-04, HIS-2009-182
Optimal Design of Rotating Actuators Made by Magnetically Controlled Shape Memory Alloy
Jun Lu, Zhi-Hong Liang, and Wan-Chun Qu
Shenyang Ligong University, China

C05-05, HIS-2009-214
A Novel Adaptive PSO Algorithm on Schaffer's F6 Function
Xiao-Hong Qiu and Jun Liu
Jiangxi Agricultural University, China

C05-06, HIS-2009-294
Video Compression Algorithm Based on Wavelet Transform
Meng Lei and Li Hang
Shenyang Normal University, China

C05-07, HIS-2009-1171
Advances in fuzzy method for natural computing
Jing Zhang
Beijing Union University, China

C06
Theories and Applications for Peer-to-Peer Overlay Networks (2)
Prof. Tian-Hua Liu, Shenyang Normal University, China
Dr. Zhen-Hua Tan, Shenyang Normal University, China

C06-01, HIS-2009-IS25-06
A novel method to detect junk mail traffic
Qiang Li and Bao-Liang Mu
Shenyang Normal university, China

C06-02, HIS-2009-IS25-07
Research on Security Mechanisms of SIP-based VoIP System
Lian-Cheng Shan and Ning Jiang
Shenyang Normal University, China

C06-03, HIS-2009-IS25-08
The Improved Research of Chord Based on File-partition Replication Strategy
Tian-Hua Liu, Ming-Yu Bao, Gui-Ran Chang, and Zhen-Hua Tan
Shenyang Normal University, China

C06-04, HIS-2009-IS25-09
Query Optimization over Distributed Data Stream
Shuang Wang, Zhen-Hua Tan, and Xiao-Xing Gao
Northeastern University, China

C06-05, HIS-2009-IS25-10
Data Quality-Oriented Data Integration in Peer-to-Peer System
Zhi-Gang Zhao
Shenyang Normal University, China

C06-06, HIS-2009-750
A P2P-SIP Architecture for Real Time Stream Media Communication
Yang Deguo, Niu Lianqiang, and Wang Xincun
Shenyang University of Technology, China

C07
Novel Approaches to Information Security Application (2)
Prof. Lih-Chyau Wuu, National Yunlin University of Science and Technology, Taiwan
Prof. Jaw-Shyang Wu, Tajen University, Taiwan

C07-01, HIS-2009-IS26-03
A Data Hiding Scheme with High Embedding Capacity Based on General Improving Exploiting Modification Direction method
Wen-Chung Kuo, Lih-Chyau Wuu, Chia-Nian Shyi, and Shao-Hung Kuo
National Formosa University, Taiwan

C07-02, HIS-2009-328
On new semantic of "time" in fuzzy temporal databases
Li-Guo Deng, Shu Yang, Jian-Hui Wang, and Shi-Dong Yu
Shenyang Normal University, China

C07-03 HIS-2009-1194
CSTS: A Prototype Tool for Testing COM Component Security
Jin-Fu Chen, Yan-Sheng Lu, and Xiao-Dong Xie
JiangSu University, China

C07-04, HIS-2009-1209
An Autonomous Decision Approach for Fault Allocation and Service Restoration in Electrical Distribution Systems by Multi Agent System
Jaw-Shyang Wu, Tsung-En Lee, Ching-Sung Lu, and Shung-Der Su
Tajen University, Taiwan

C07-05, HIS-2009-1233
A New Intelligent Authorization Agent Model in Grid
Zhi-Hui Wang , Ming-Chu Li, Mao-Hua Chen, and Chin-Chen Chang
Dalian University of Technology, China

C08
Information Management & Knowledge Management (2)
Prof. Xue-Ying Wang, Shenyang Normal University, China
Prof. Gang Li, Wuhan University, China

C08-01, HIS-2009-IS28-08
An Information Sharing Incentive Model in Supply Chain with Mixed Retail and E-tail Channels
Xiong-Wei Zhou and Fei-Cheng Ma
Wuhan University, China

C08-02, HIS-2009-IS28-09
Symmetric Trends: Optimal Local Context Window in Chinese Word Sense Disambiguation
Gang Li, Guang-Zeng Kou, Ercui Zhou, and Ling Zhang
Wuhan University, China

C08-03, HIS-2009-IS28-10
The Development and Evaluation of Internet Data Mining System
Wen-Qing Yuan and Li Luo
Wuhan University, China

C08-04, HIS-2009-IS28-11
Influence of Organizational System to End-Users' Acceptance of ERP System in Chinese Enterprises
Shu-Wei Huang, and Xue-Ying Wang
Shenyang Normal University, China

C08-05, *HIS-2009-IS28-12*
Research on the Enterprise' Model of Information Lifecycle Management Based on Enterprise Architecture
Hui-Yan Liu, Xue-Ying Wang, and Qqi-Zhe Quan
Shenyang Normal University, China

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The Strategy of Data Integration for Manufacturing Enterprises Based on Component Software Development
Wen-Jing Tang, Hai-Ying Xie, and Cai-Rong Wang
Shenyang Normal University, China

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KDSR: An Efficient DHT-based Routing Protocol for Mobile Ad Hoc Networks
Bo Zhao, Ying-You Wen, and Hong Zhao
Northeastern University, China

P11-02, HIS-2009-IS22-10
Joint Consideration of Entropy and Voronoi Diagram for Sensor Network Deployment
Ruiyun Yu, Xing-Wei Wang, and Jie Li
Northeastern University, China

P11-03, HIS-2009-IS24-03
Design and Implementation of Data Management Center Based on Web Services
Qiang Guo, Hai-Dong Zheng, Jie Li, and Xing-Wei Wang
Northeastern University, China

P11-04, HIS-2009-IS24-04
A User Motivation Model for web Search Engine
Chuan Wang, Guiran Chang, Xing-Wei Wang, Yan Ma, and Haitao MA
Northeastern University, China

P11-05, HIS-2009-IS24-05
Research and Implementation of Data Saving Scheme of Network Topology
Yanan Gao, Dancheng Li, Zhezhu Li, and Ye Yang
Northeastern University, China

P11-06, HIS-2009-IS24-06
Research and Application on Automatic Network Topology Discovery in ITSM System
Yide Wang, Dan-Cheng Li, ChunYan Han, and Zhi-Liang Zhu
Northeastern University, China

P11-07, HIS-2009-IS24-08
Online Geographic Information Service Platform Based On Google Earth
Huaiyu Xu, Xiao-Yu Hou, Heng Cai, Ruidan Su, and Qing Ni
Northeastern University, China

P11-08, HIS-2009-IS24-09
A Virtual Community Building Platform based on Google Earth
Huaiyu Xu, Qing Ni, Ruidan Su, Xiaoyu Hou, and Chao Xiao
Northeastern University, China

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P12-01, HIS-2009-IS25-12
LSB Algorithm Research Based on Chaos
Guang-Ming Yang and Yang Zhou
Northeastern University, China

P12-02, HIS-2009-IS25-14
A Data Accessing Method in Distributed Massive Computing
Da-Dan Zeng, Minqi Zhou, and Ao-Ying Zhou
East China Normal University, China

P12-03, HIS-2009-IS24-01
Design and Implementation of a Web Application Automation Testing Framework
Wan-Dan Zeng, Ning-Kang Jiang, and Xu-Bo Zhou
East China Normal University, China

P12-04, HIS-2009-IS25-20
Remote Control System Design based on Web Server for Digital Home
Huaiyu Xu, Ruidan Su, Xiao-Yu Hou, and Ni Qing
Northeastern University, China

P12-05, HIS-2009-IS25-21
Design and Implementation of Drill Hole of PCB Detection System
Xiao-Xing Gao, Chun-Ze Zhao, Gui-Ran Chang, and Zhen-Hua Tan
Northeastern University, China

P12-06, HIS-2009-IS25-22
Design and Simulated Implementation of MATLAB-based Warning System for Fatigue Driving Driver
Jian Wang and Bing Liu
Northeastern University, China

P12-07, HIS-2009-IS25-24
Blind Source Separation Based on FastICA
Yan Liug, Ming Zhang, and Long-Bin Jiang
Shenyang University Shenyang, China

P12-08, HIS-2009-IS25-25
Study on Image Reconstruction Algorithm for Electrical Capacitance Tomography System
Yao Chen, Xiao-Wei Wang, and Yan Jiang
Shenyang University, China

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Theories and Applications for Peer-to-Peer Overlay Networks (3)
Prof. Tian-Hua Liu, Shenyang Normal University, China
Dr. Zhen-Hua Tan, Shenyang Normal University, China

C09-01, HIS-2009-IS25-15
Robust image hash based on cyclic coding the distributed features
SunYang
ShenYang Normal University, China

C09-02, HIS-2009-IS25-17
A P2P Overlay Network Routing Algorithm Based on Group-Average Agglomerative Clustering Topology
Yi Ma, Zhen-Hua Tan, Guiran Chang, and Xiao-Xing Gao
Software College of Northeastern University, China

C09-03, HIS-2009-IS25-18
Research of a Service Monitoring System Based on SIP in Hybrid Network
Xue-Hua Yang, and Hong-Bin Li
Shenyang Normal University, China

C09-04, HIS-2009-IS25-19
An EPG Recommender Framework with Information Exchange between Users
Chunguang Tan, Guiran Chang, Xing-Wei Wang, and Chuan Zhu
Northeastern University, China

C09-05, HIS-2009-IS25-23
Algorithm Research on Velocity Measurement of Biphase Flow
Xiaowei Wang, Jiang-Yan, and Liye
Shenyang Normal University, China

C09-06, HIS-2009-176
Design Methodology of a Fault Aware Controller Using an Incipient Fault Diagonizer
Joydeb Roychoudhury, Tribeni P. Banrerjee, Anup K. Bandopadhaya, and Ajith Abraham
Central Mechanical Engineering Research Institute, Durgapur

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Information Management & Knowledge Management (3)
Prof. Xue-Ying Wang, Shenyang Normal University, China
Prof. Qi-Zhe Quan, Shenyang Normal University, China

C10-01, HIS-2009-IS28-14
Application Study of BP Neural Network on Stock Market Prediction
Feng Li and Cheng Liu
University of Science and Technology, China

C10-02, HIS-2009-IS28-15
Study of Financial Risk Based on EVT
Feng Li and Qizhe Quan
Shenyang Normal University, China

C10-03, HIS-2009-IS28-16
Basic Factors Design of Pedagogical Agent System in An Ecology View
Xue-Dong Sun and Lian-Hao Zhang
Shenyang Normal University, China

C10-04, HIS-2009-IS28-17
Design of a Personalized Learning System Based on Intelligent Agent for E-learning
Wen Li, and Xin Li
Shenyang Normal University, China

C10-05, HIS-2009-IS28-18
Second Life: a New Window for E-learning
Ying Zhao and Li-Li Wu
Shenyang Normal Universtiy, China

C10-06, *HIS-2009*-IS28-19
Research on Personalized Services for Users of Education Resources Net
Yongjun Jing, Xin Li, and Shao-Chun Zhong
Shenyang Normal University, China

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Dr. Kai-Chao Yao, National Changhua University of Education, Taiwan
Dr. Der-Fa Chen, National Changhua University of Education, Taiwan

C11-01, HIS-2009-IS30-01
Establishment of New Electro-oculogram Measurement Technique by Integrating Virtual Instrument
Kai-Chao Yao and Der-Fa Chen
National Changhua University of Education, Taiwan

C11-02, HIS-2009-IS30-02
Line Loss Reduction by Distribution System Upgrading from Radial to Normally Closed-Loop Arrangement
Wei-Tzer Huang and Shiuan-Tai Chen
Chienkuo Technology University, Taiwan

C11-03, HIS-2009-IS30-03
An Effective Hybrid PSOSA -based Multi-user Detection for DS-CDMA Ultra-WideBand Communications Systems
Ho-Lung Hung, Chuang-Wang Chang, and Jyh-Horng Wen
Chienkuo Technology University, Taiwan

C11-04, HIS-2009-IS30-04
A Novel Sliding-Mode Controller Design for a Matrix Converter Drive System
Der-Fa Chen and Kai-Chao Yao
National Changhua University of Education, Taiwan

C11-05, HIS-2009-IS30-05
Virtual Spectrum analyzer Design and Implementation
Kai-Chao Yao, Tai-Li Chen, and Yu-Te Lian
National Changhua University of Education, Taiwan

C11-06, HIS-2009-758
Current Control of BLDCM Based on Fuzzy Adaptive ADRC
Quan Dong and Quan Li
Jiangsu University, China

C11-07, HIS-2009-826
Vision based Navigation System of Intelligent Vehicles: A Robust Object Tracking Approach
Shen Huan, Shun-Ming Li, Fang-Chao Bo, Xiao-Dong Miao, Fang-Pei Li, and Hua-Peng Zhou
Nanjing University, China

C12
Advanced Data Processing Technology
Prof. Bao-Yan Song, Liaoning University, China
Prof. Xiao-Mei Dong, Northeastern University, China

C12-01, HIS-2009-IS29-01
bSpace: A Data Cleaning Approach for RFID Data Streams Based on Virtual Spatial Granularity
Bao-Yan Song, Peng-Fei Qin, Hao Wang, Wei-Hong Xuan, and Ge Yu
Liaoning University, China

C12-02, HIS-2009-IS29-03
An Improved Spectral Clustering Algorithm for Community Discovery
Shuzi Niu, Daling Wang, Shi Feng, and Ge Yu
Northeastern University, China

C12-03, HIS-2009-IS29-04
A Real-Time Scheduling Strategy Based on Priority in Data Stream System
Yan Wang, Weihong Xuan, Wei Li, Baoyan Song, and Xiaoguang Li
Liaoning University, China

C12-04, HIS-2009-IS29-05
DeepSearcher: A One-Time Searcher for Deep Web
Derong Shen, Gao-Shang Sun, Tie-Zheng Nie , and Yue Kou
Northeastern University, China

C12-05, HIS-2009-IS29-07
An Immune Based Relational Database Intrusion Detection Algorithm
Xiao-Mei Dong and Xiao-Hua Li
Northeastern University, China

C12-06, HIS-2009-IS29-08
Priority-based Balance Scheduling in Real-Time Data Warehouse
Jin-Gang Shi, Yu-Bin Bao, Fang-Ling Leng, and Ge Yu
Northeastern University, China

C12-07, *HIS-2009-470*
Public Participation Interface of Urban Disaster Prevention Spatial System Planning —Application of Google Earth
Cheng-An Tai, Yung-Lung Lee, and Ching-Yuan Lin
National Taiwan University of Science and Technology, Taiwan

C12-08, HIS-2009-598
Euler Neural Network with its Weight-Direct-Determination and Structure-Automatic-Determination Algorithms
Yunong Zhang, Ling-Feng Li, Yiwen Yang, and Gongqin Ruan
School of Information Science and Technology, China

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P13-01, HIS-2009-IS25-27
The Noise Removal On Rebound Signal of Linear Frequency
Peng Wu, Jing-Jiao Li, and Peng Wu
Northeastern university, China

P13-02, HIS-2009-IS25-28
An Improved Network Topology Auto-layout Solution based on Force-directed Placement
Gao Yuan, Li Dan-Cheng, Han Chun-Yan, and Zhu Zhi-Liang
Northeastern University, China

P13-03, HIS-2009-IS27-01
The application study on Data fusion technology in classifying of Internal Component of Shells
Wei Gao, Hai Zhao, Yan-Rong Cheng, and Zhan Mei
Northeastern University, China

P13-04, HIS-2009-IS27-02
A Study of Data Fusion Based on Combining Rough Set with BP Neural Network
Wei Gao, Hai Zhao, Jingxin Wen, and Nan Jiang
Northeastern University, China

P13-05, HIS-2009-IS27-05
A Smart IVR system based on application gateways
Chang-Xing Qi and Qing-Dong Du
Normal University, China

P13-06, HIS-2009-IS28-01
Knowledge Representation of Chinese Genealogical Record of VIPs in KMT and CPC
Hui Dong, Si-Wei Yu, and Ying Jiang
Wuhan University, China

P13-07, HIS-2009-IS28-24
Web Data Mining System Based on Web Services
Chun-Ying Chen, Xiong-Wei Zhou, and Jian-Zhong Zhang
Central South University, China

P13-08, HIS-2009-IS29-02
Effectively Answering Schema-free XML Queries over Document-centric Data
Xiao-Li Li, Xiao-Guang Li, and Bao-Yan Song
School of Information Liaoning University, China

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P14-01, HIS-2009-IS29-06
Efficient k-Dominant Skyline Processing in Wireless Sensor Networks
Jian-Mei Huang, Jun-Chang Xin, Guoren Wang, and Miao Li
Northeastern University, China

P14-02, HIS-2009-IS29-09
XML Functional Dependency and Schema Normalization
Xiang-Guo Zhao, Jun-Chang Xin, and Ende Zhang
Northeastern University, China

P14-03, HIS-2009-WS01-03
A Reliable Multi-path Routing Protocol in Wireless Sensor Network Design and Implementation
Peng Li, Hai Zhao, Jia-Liang Wang, Liu Zheng, and Chun-Yang Yu
Northeastern University Shenyang, China

P14-04, HIS-2009-IS14-04
Particle Swarm Optimization with group decision making
Liang Wang, Zhi-Hua Cui, and Jian-Chao Zeng
Taiyuan University, China

P14-05, HIS-2009-IS12-01
Variable sliding window DTW speech identification algorithm
Guangyu Kang and Shize Guo
Harbin Institute of Technology, China

P14-06, HIS-2009-IS12-02
Speaker Transformation Using Length-variable Moving Window Based GMM
Guang-Yu Kang and Shize Guo
Harbin Institute of Technology, China

P14-07, HIS-2009-IS12-03
3D Laser Scanning Data Segmentation Based on Region Dilation Strategy
Meng Li, Ping Fu, and Sheng-He Sun
Harbin Institute of Technology Harbin, China

P14-08, HIS-2009-IS12-04
3D Digital Patching using Height-map of Broken Surface
Meng Li, Ping Fu, and Sheng-He Sun
Harbin Institute of Technology Harbin, China

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Prof. Xue-Ying Wang, Shenyang Normal University, China
Prof. Yu Yan, Shenyang Normal University, China

C13-01, HIS-2009-IS28-20
Analysis of E-learning Influencing Factors Based on ISM
Xing-Hui Wang
Shenyang Normal University, China

C13-02, HIS-2009-IS28-21
Research on the Application of Data Mining Technology in Insurance Informatization
Yu Yan and Hai-Ying Xie
Shenyang Normal University, China

C13-03, HIS-2009-IS28-22
Research on E-learning-Based Educational Technology Training Model for College Teachers
Hailian Kou and Zheng-Gang Wan
Shenyang Normal University, China,

C13-04, HIS-2009-IS28-23
A Study on the Construction of Quality Courses Network Based on HPT
Zheng-Gang Wan and Hai-Lian Kou
Shenyang Normal University, China

C13-05, HIS-2009-IS28-25
Modeling Unit of Learning in Learning Management System and Learning Content Management System with User Preference
Kai-Li Wang and Philippe Trigano
Université de Technologie de Compiègne, France
Shenyang Normal University, China

C13-06, HIS-2009-IS28-26
An Enterprise Architecture Development Method in Chinese Manufacturing Industry
Xue-Ying Wang and Ying Zhao
Shenyang Normal University, China

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Hybrid Intelligent Techniques for Power, Control and Communication
Prof. B K Panigrahi, Indian Institute of Technology Delhi, India
Prof. Ajith Abraham, Norwegian University of Science and Technology, Norway

C14-01, HIS-2009-IS33-02
On Some Properties of the lbest Topology in Particle Swarm Optimization
Sayan Ghosh, Debarati Kundu, Kaushik Suresh, Swagatam Das, Ajith Abraham, Bijaya. K. Panigrahi, and Václav Snášel
Jadavpur University, India

C14-02, HIS-2009-IS33-03
Optimization of Turbo Codes by Differential Evolution and Genetic Algorithms
Pavel Krömer, Václav Snášel, Jan Platoš, and Ajith Abraham
VŠB–Technical University of Ostrava, Czech Republic

C14-03, HIS-2009-1122
The dynamic immune forecasting method of the airdrome flight delay under considering the stochastic factors
Jian-Li Ding, Xue-Sen Li, and Guan-Sheng Tong
Civil Aviation University of China, China

C14-04, HIS-2009-IS33-04
***Scheduling Meta-tasks in Distributed Heterogeneous Computing Systems: A* Meta-Heuristic Particle Swarm Optimization Approach**
Hesam Izakian, Ajith Abraham, and Václav Snášel
University of Isfahan, Iran

C14-05, HIS-2009-IS33-06
Improved Harmony Search for Economic Power Dispatch
V. Ravikumar Pandi, B. K. Panigrahi, Manas Kumar Mallick, Ajith Abraham, and Swagatam Das
Department of Electrical Engineering, ITT, India

C14-06, HIS-2009-649
Study on Generation Companies' Bidding Strategy Based on Hybrid Intelligent Method
Da-Wei Huang and Xue-Shan Han
Northeast Dianli University, China

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Soft Computing for Image and Signal Processing
Prof. Li-Hua Li, Chinese People's Public Security University, China
Prof. Hsiang-Cheh Huang, National University of Kaohsiung, Taiwan

C15-01, HIS-2009-IS34-01
A THz Image Edge Detection Method Based on Wavelet and Neural Network
Rong Wang, Li-Hua Li, Wei-Jun Hong, and Nan Yang
Chinese people's public security university, China

C15-02, HIS-2009-IS34-04
The level filling algorithm for Clockwise edge
Bi-Jing, Song-Kai, and Li-Hang
ShenYang Normal University, China

C15-03, HIS-2009-IS34-05
The Research on Footprint Recognition Method Based on Wavelet and Fuzzy Neural Network
Rong Wang, Wei-Jun Hong, and Nan Yang
College of security & protection Chinese people's public security university, China

C15-04, HIS-2009-IS34-06
The Research of ISOETRP Clustering Algorithm on Optical Mathematical Symbols Recognition
Li-Hua Li, Rong Wang, Jin-Tao Li, and Ge Wang
College of security & protection Chinese people's public security university, China

C15-05, HIS-2009-IS34-07
A Soybean Image Noise Smoothing Method Using Multi-scale Morphology
Yu-Hua Chai, Dan-Ting Zhao, and Rong Wang
Northeastern Agricultural University, China

C15-06, HIS-2009-149
Rooftop Detection Based on 3D Line Data Using Fast Graph Search
Dong-Min Woo and Dong-Chul Park
Myongji University, Gyeonggido, Korea

C15-07, HIS-2009-474
The research on consolidated financial evaluation about corporate social responsibility based on Fuzzy-AHP
Ze-Hong Li, Bin-Bin Liu, and Li-Chun Wang
North China Electric Power University, China

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Prof. Chia-Nan Wang, National Kaohsiung University of Applied Sciences, Taiwan
Prof. Jeff Z. Pan, University of Aberdeen, UK

C16-01, HIS-2009-95
KDD on IVR Navigation Trees: Case Study
Thiago T. Angélico, Thais Santos Bueno, Silvio Bortoletto, and Anderson Ravanello
Universidade Positivo, Brasil

C16-02, HIS-2009-262
An All Digital Phase-Locked Loop System with High Performance on Wideband Frequency Tracking
Chang-Hong Shan, Zhong-Ze Chen, and Jin-Xiong Jiang
University of South China,China

C16-03, HIS-2009-407
Extraction and Code of Drainage Network Based on Digital Elevation Model
Xue-Lian Chen , Jing-Tao Hu, Lian-Cheng Shan, and Ya-Ping Wang
Shenyang Institute of Automation, China
Liaoning Provincial College of Communications, China

C16-04, HIS-2009-418
An Implementation Strategy of Global OLTP based on ODS in Heterogeneous Environment
Yue Zhang, Jie Liu and Hang Li
Shenyang Normal University, China

C16-05, HIS-2009-725
Evaluate the potential suppliers' performance based on heuristic algorithm and Malmquist model: cased by IC packaging and testing industry of Taiwan
Chia-Nan Wang , and Hsun-Cheng Liu
National Kaohsiung University of Applied Sciences, Taiwan

C16-06, HIS-2009-1050
Forecasting Increment Control Methods in Regulated Period for the Temperature of Beer Fermentation
Jian Tang and Wan-Chun Qu
Shenyang Ligong University, China

C16-07, HIS-2009-1054
Multi-point calibration detecting method of non-linear analogue quantity
Wan-Chun Qu and Jian Tang
Shenyang Ligong University, China

C16-08, HIS-2009-1175
Implementing and Evaluating A Rule-based Approach to Querying Regular EL+ Ontologies

Yuting Zhao, Jeff Z. Pan, and Yuan Ren
University of Aberdeen, UK

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A Fast Exact Repeats Search Algorithm for Genome Analysis
Wei-Dong Sun and Zong-Min MA
Northeastern University, China

P15-02, HIS-2009-IS17-10
Approach for Multiple Constraints Based Qos Routing Problem of Network
Shan-Shan Wan, Ying Hao, and Yuan Yang
University of Civil Engineering and Architecture, China

P15-03, HIS-2009-IS16-06
A Damage Assessment System for Aero-engine Borscopic Inspection Based on Support Vector Machines
Jiaoru Meng and Yunlin Luo
Institute of Science and Technology, China

P15-04, HIS-2009-IS22-11
A Solution of Ubiquitous location based on GPS and Wi-Fi ULGW
Yang Fan and Aoshuang Dong
Northeastern University, China

P15-05, HIS-2009-940
A SNMPv3 Replay Protection Scheme Used in Space Network Based on Random Number
Yue-Qiu Jiang, Sunt Kun, Wenbo Zhang, and Daozhu Zhang
Shenyang Ligong University, China

P15-06, HIS-2009-943
Design and Emulation of Space Simple Network Management Protocol
Jiang Yueqiu, Zhang Daozhu, Zhang Wen-Bo, and Sun Kun
Shenyang Ligong University, China

P15-07, HIS-2009-1112
Steganalysis in Multiple Sources of Cover Images
Zugen Liu
Shenyang Normal University, China

P15-08, HIS-2009-IS22-02
A Mine-Environment-Based Energy-Efficient Routing Algorithm for Wireless Sensor Network
Liu Kai
Changsha Social Work College, China

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P16-01, HIS-2009-777
Research on Cluster-Based Bandwidth Allocation Algorithm in Ad Hoc Network
Deyu Zhang, Zhiguo Liu, and Yannan Wang
Shenyang Ligong University, China

P16-02, HIS-2009-IS22-06
Flooding and Directed Diffusion Routing Algorithm in Wireless Sensor Networks
Lin-Liang Zhao, Gao-Qiang Liu, Jie Chen, and Zhi-Wei Zhang
Northeastern University, Chian

P16-03, HIS-2009-IS24-02
A Domain-Oriented Evaluation Model for QoS in Web Service
Guo-Qi Liu, Zhi-Liang Zhu, Qin Wang, and Yi-Qiang Li
Northeastern University, China

P16-04, HIS-2009-IS25-11
A distributed security MIPv6 model based on dynamic policies
Tianhan Gao, Nan Guo, and Zhi-Liang Zhu
Software College, Northeastern University, China

P16-05, HIS-2009-IS17-13
Dynamic Cross-system Workflow Integration Based on MAS
Zhi-Wei Xu, Li-Min Liu, Yi-La Su, and Xue-Lian Yang
Inner Mongolia University of Technology, China

P16-06, HIS-2009-498
Research of Mobile Agent Technology for GIS Grid
Qiang Tong and Zhi-Dong Shen
Northeastern University, China

P16-07, HIS-2009-IS27-04
Study on Decision Classification Fusion Model
Xiao-Dan Zhang and Zhen-Dong Niu
Beijing Institute of Technology University, China

P16-08, HIS-2009-IS33-01
A Swarm-based Rough Set Approach for Group Decision Support Systems
Ming-Yan Zhao, Hong-Bo Liu, Ajith Abraham, and Emilio Corchado
Dalian University of Technology, China