MSII2012 Program

August 15, Wednesday

18:30 – 20:00
Welcome Reception
(Xiangzhu Hall, 4F)

August 16, Thursday

08:30 – 08:40
MSII2012 Opening

08:40 – 09:40
Keynote Speech
A Farm-to-Door Delivery Mode for Organic Vegetables and Its Knowledge-Based Generating System of Vehicle Routing Schemes under Mobile Commerce in Metropolises of China
   Prof. Xiangpei Hu (Dalian University of Technology, China)

Chair: Prof. Shaocheng Tong (Liaoning University of Technology)

18:30 – 20:30
MSII2012 Banquet
(Xiuzhu Hall, 5F)
Technical Sessions

10:00 – 12:00
A1: Advanced Control (1)
Chair: Dr. Wei Xiang (Huainan Normal University)

A1-01: MSII2012-030
Suboptimal Integral Sliding Mode Design for Overhead Crane Systems
   *Rongjie Liu* and Shihua Li (Southeast University)

A1-02: MSII2012-035
Sliding Mode Control for Uncertain Time-Delay Switched Systems: Descending Dimension Design
   *Zhaolan He*, Kaiqing Liu, Xue Wang and Guanghui Sun
   (Harbin University of Science and Technology)

A1-03: MSII2012-054
An Adaptive Fuzzy Sliding Mode Control Scheme for a Class of Chaotic Systems with Dead-Zone Inputs
   *Wei Xiang*, Xiejin Liu and Yugao Huangfu (Huainan Normal University)

A1-04: MSII2012-058
Guaranteed Cost Control for Generalized Neutral Systems with Uncertain Nonlinear Perturbations
   *Jiqing Qiu, Long Zhao*, Lianqing Su, Yi Li and Zirui Xing
   (Hebei University of Science and Technology)

A1-05: MSII2012-101
Finite-Time Control for MIMO Bioreactor Benchmark Process
   *Zhao Wang*, Zhen Chen, Shihua Li and Shumin Fei
   (China University of Petroleum)

A1-06: MSII2012-124
Improved Stability Criterion for Neutral Type System with Time-Varying Delay
   *Bo Wang*, Peng Shi, Jun Wang, Yongduan Song and Shouming Zhong
   (University of Electronic Science and Technology of China)

A1-07: MSII2012-146
Consensus Seeking of First-Order Multi-Agent Systems Based on Delayed Feedback Control
   *Cheng-Lin Liu* and Fei Liu (Jiangnan University)

A1-08: MSII2012-163
Fault Tolerant Control Design for Hypersonic UAV Attitude Dynamical Systems with Actuator Faults
   *Zhileng Gao*, Moshu Qian, Jun Yin, Jinxing Lin and Haikuo He
   (Nanjing University of Posts and Telecommunications)
10:00 – 12:00
B1: Management Science (1)
Chair: Prof. Chenghong Zhang (Fudan University)

B1-01: MSII2012-024
Kurtosis Controlled Loan Portfolio Optimization Model
  Haowen Wu*, Yun Wang and Wenli Li (Dalian University of Technology)

B1-02: MSII2012-063
Online Mobile Payment Model and Protocol with Flexibility and Security
  Hongxin Wang*, Deli Yang, Jianjun Wang and Hui Ma
  (Dalian University of Technology)

B1-03: MSII2012-064
An Adaptive Expert Finding System Based on Social Networks
  Chenghong Zhang*, Baixiang Liu and Langtao Chen (Fudan University)

B1-04: MSII2012-066
An Intelligent Decision Model and System for Maize Precise Production and Management
  Boxiang Xiao*, Xinyu Guo, Xiaodong Guo and Jianjun Du
  (Beijing Research Center for Information Technology in Agriculture)

B1-05: MSII2012-150
Promotion Strategy and Optimal Inventory Policy Adjustment in the Two-Stage Supply Chains
  Zhiru Juan*, Haiyan Wang and Xiaoling Xu (Southeast University)

B1-06: MSII2012-172
Measuring Perceived Supply Chain Vulnerability
  Xinping Wang*, Lindu Zhao and Michael Herty (Southeast University)

B1-07: MSII2012-168
Research on Pricing Strategies for Fresh Foods in a Two-Echelon Supply Chain
  Lei Tang* and Lindu Zhao (Southeast University)

B1-08: MSII2012-188
The Study of Accurate Advertising Model Based on Wireless Virtual Community
  Yunfu Huo*, Bin Wang and Lin Ma (Dalian University)
10:00 – 12:00

C1: Fuzzy Logic
Chair: Prof. Li Zou (Liaoning Normal University)

C1-01: MSII2012-047
A Method of Determining Fuzzy Measures Based on the Core Samples Set
Fachao Li* and Wenfang Wang (Hebei University of Science and Technology)

C1-02: MSII2012-055
Properties of Fuzzy Induced Ordered Weighted Averaging Aggregation
Operator and Its Application in Decision-Making
Xinzi Ma*, Nian Jia, Zheng Pei, Jie Yang and Lu Xu (Xihua University)

C1-03: MSII2012-056
(μ,v)-Resolution Method for Intuitionistic Operator Fuzzy Logic
Li Zou*, Bin Lin and Xin Liu (Liaoning Normal University)

C1-04: MSII2012-097
Availability Analysis of a Repairable Parallel-Series System with Random Fuzzy
Exponential Distribution and Multiple Vacations
Linmin Hu* and Jiandong Li (Yanshan University)

C1-05: MSII2012-123
Identification of Threshold Autoregressive Time Series Using Fuzzy Modeling
Technology
Wenyan Song, Degang Wang*, Dehai Liu and Weiguo Wang
(Dalian University of Technology)

C1-06: MSII2012-176
The Innovation Performance Evaluation on the Enterprise by Grey-Fuzzy Clustering
Xiaomei Li (Liaoning University of Technology)

C1-07: MSII2012-182
A New Similarity Measure of Generalized Fuzzy Numbers
Rui Sun*, Liangzhong Yi and Zheng Pei (Xihua University)

C1-08: MSII2012-187
Application of Fuzzy Graph Maximal Tree Clustering Method in the Analysis of Crime
Data
Kaiqi Zou*, Fengxin Liu and Shigang Liu (Dalian University)
10:00 – 12:00
D1: Knowledge Discovery
Chair: Prof. Yao Liu (Institute of Scientific and Technical Information of China)

D1-01: MSII2012-020
Improving the Precision of Word Sense Disambiguation of English Modal Verb
Will by Formal Concept Analysis
Jianping Yu*, Wenxue Hong, Shuyuan Zhang and Sha Zhao
(Yanshan University)

D1-02: MSII2012-079
Discovery of Selection Rules for Acupuncture Points of Digestive System
by Structural Partial-Ordered Attribute Diagram
Jialin Song, Haibin Zhao, Jianping Yu, Wenxue Hong* and Shaoxiong Li
(Yanshan University)

D1-03: MSII2012-116
The Optimization of Gibbs Sampling Model in Unsupervised Word Sense
Disambiguation
Xu Li*, Lan Shen, Chunlong Yao and Xiaoqiang Yu (Dalian Polytechnic University)

D1-04: MSII2012-138
Improve Chinese Word Similarity Computing by Combining Window-Based Context
and Syntax-Based Context
Likun Qiu*, Lvexing Zheng and Zuoyan Song (Ludong University)

D1-05: MSII2012-139
A Practical Method for Chinese All-Word Sense Tagging
Jia Fu and Weiguang Qu* (Nanjing Normal University)

D1-06: MSII2012-140
Experiment Research on Automated Essay Scoring for Nonnative Chinese Speakers
Jie Han*, Sujian Li and Zhifang Sui (Peking University)

D1-07: MSII2012-141
Construction and Application of Chinese Scientific and Technical Vocabulary System
Xiaodong Qiao*, Yunliang Zhang, Lijun Zhu and Yao Liu
(Institute of Scientific and Technical Information of China)

D1-08: MSII2012-142
Semantic Analysis of Multi-Modal Features in Scientific and Technical Literature
Ruijia Wang and Yao Liu*
(Institute of Scientific and Technical Information of China)
10:00 – 12:00
E1: Image Processing
Chair: Prof. Shuxue Ding (The University of Aizu, Japan)

E1-01: MSII2012-029
Improved Cross-Media Relevance Model for Automatic Image Annotation

Haiyu Song*, Xiongfei Li, Pengjie Wang, Cuizhu Bao, Yongkui Liu and Lu Xu
(Dalian Nationalities University)

E1-02: MSII2012-039
Anisotropic Multivariate Shrinkage Function-Based Image Denoising in the Second Generation Curvelet Transform Domain

Lifeng Zhang*, Yujie Li, Huimin Lu and Seiichi Serikawa
(Kyushu Institute of Technology, Japan)

E1-03: MSII2012-046
Partial Differential Equations for Human Ear Image Edge Preservation Smoothing Model

Lixin Shen*, Yue Wang and Jing Liu (Dalian Maritime University)

E1-04: MSII2012-051
Bit-Level Permutation Based Selective Color Image Encryption Using Spatiotemporal Chaos

Chunyan Song, Yulong Qiao* and Xingzhou Zhang
(Harbin Engineering University)

E1-05: MSII2012-093
Fractal Image Denoising Based on Model Constraint

Qiang Wang*, Dequn Liang and Sheng Bi (Dalian Maritime University)

E1-06: MSII2012-096
The Research on the Compressed Concrete Local Deformation with the White Light Speckle Technology

Deliang Meng*, Huijian Li and Pin Cheng (Yanshan University)

E1-07: MSII2012-126
Novel Color Image Contrast Enhancement Based on Multiscale Retinex Using Adaptive Intensity Compensation

Xiaodong Xian*, Lijuan Huang and Shan Liang (Chongqing University)

E1-08: MSII2012-190
A Method of Sparse Nonnegative Matrix Factorization for Feature Extraction

Zunyi Tang and Shuxue Ding* (The University of Aizu, Japan)
13:40 – 15:40
A2: Advanced Control (2)
Chair: Prof. Xuefeng Dai (Qiqihar University)

A2-01: MSII2012-011
Neural Networks-Based Internal Model Optimal Control for Nonaffine Nonlinear Systems with Input Constraints
  Dezhi Xu*, Bin Jiang, Moshu Qian and Jing Zhao
  (Nanjing University of Aeronautics and Astronautics)

A2-02: MSII2012-013
Algorithms Comparison of Control Points Planning of Target Archwire
  Jixiong Jiang*, Yongde Zhang, Yanju Liu and Yi Liu
  (Harbin University of Science and Technology)

A2-03: MSII2012-016
Permanence of a Delayed Discrete Ratio-Dependent Leslie System with Feedback Controls
  Weiguo Wang and Hongying Lu*
  (Dongbei University of Finance and Economics)

A2-04: MSII2012-067
On Coordination for Multi-Robot Systems Based on the Framework of Decentralized Supervisory Control
  Xuefeng Dai* and Haimiao Ge (Qiqihar University)

A2-05: MSII2012-088
L_1 Adaptive Governor Design for Hydro-Turbines
  Dianwei Qian* and Jianqiang Yi (North China Electric Power University)

A2-06: MSII2012-129
Research on the Control Method of Two-Wheeled Self-Balancing Robot System Based on Variable Structure Control
  Junfeng Wu*, Yuxin Liang and Shengda Wang
  (Harbin University of Science and Technology)

A2-07: MSII2012-174
Joint Dynamic Parameters Identification of Robot in Motion State
  Feng Wang* and Xiaoping Liu
  (Beijing University of Posts and Telecommunications)

A2-08: MSII2012-179
Design of F16's Longitudinal Flight Control System Based on L_1 Neural Network Adaptive Control
  Di Lu*, Guoliang Fan and Jianqiang Yi (Chinese Academy of Sciences)
13:40 – 15:40
B2: Management Science (2)
Chair: Mr. Junhu Ruan (Dalian University of Technology)

B2-01: MSII2012-004
Intelligent Express Freight System Based on Internet of Things Technology
  Ying Zhao* and Peng Shi (Shandong Jiaotong University)

B2-02: MSII2012-012
Deadlock Detection and Avoidance of Task Scheduling with Multi-Resource Sharing
  Meng Liu*, Bing Liu and Jie Liu (Shandong University at Weihai)

B2-03: MSII2012-049
An Improved Physarum Centrality Measure for Weighted Networks
  Yajuan Zhang*, Ya Li, Zili Zhang, Yong Deng and Shang Zhao
  (Southwest University)

B2-04: MSII2012-099
A New Information Security Risk Evaluation Model
  Zheng-Kui Lin (Dalian Maritime University)

B2-05: MSII2012-113
The Emergency Relief Optimal Schedule Considering Different Disaster Severity Degrees
  Xuping Wang*, Chao Ma and Junhu Ruan (Dalian University of Technology)

B2-06: MSII2012-162
A Dynamic Multiple Attribute Decision-Making Model of Unconventional Petroleum Exploration and Exploitation under Uncertainty
  Jinfeng Sun* and Xiangpei Hu (Dalian University of Technology)

B2-07: MSII2012-169
Comparison of Driving Patterns of Mail Trucks in Postal Artery Network
  Li Sun*, Lindu Zhao and Yubao Guo (Southeast University)

B2-08: MSII2012-173
An Integrated Time-Space Network Flow Model for Large-Scale Disaster Response Management
  Yiping Jiang* and Lindu Zhao (Southeast University)
13:40 – 15:40
C2: Neural/Fuzzy Control
Chair: Dr. Jinpeng Yu (Qingdao University)

C2-01: MSII2012-041
Robust Adaptive Neural Control for the Chaotic Permanent Magnet Synchronous Motor
Jinpeng Yu*, Haisheng Yu, Bing Chen and Yong Qin (Qingdao University)

C2-02: MSII2012-042
Direct Adaptive Fuzzy-Based Robust Control Design for Uncertain Nonlinear Stochastic Systems
Huanqing Wang*, Bing Chen and Chong Lin (Qingdao University)

C2-03: MSII2012-094
$H_\infty$ Control for Network Control Systems with Partially Known Transition Probabilities
Fangwen Li*, Xingcheng Wang, Peng Shi and Gang Liu (Dalian Maritime University)

C2-04: MSII2012-109
Guaranteed Cost Reliable Control for Fuzzy Systems Subject to the Actuator Failure
Ling Huang*, Kai Wang, Bo You, Peng Shi and Ji Liu (Harbin University of Science and Technology)

C2-05: MSII2012-130
Research on Adaptive Neural Fuzzy Control for Two-Wheeled Self-Balancing Robot
Junfeng Wu* and Shengwei Jia (Harbin University of Science and Technology)

C2-06: MSII2012-155
Research in the Equilibrium Control of Power Battery Pack of Li-Ion
Haiying Wang*, Yonglei Zhang, Qiong Wu and Ying Fu (Harbin University of Science and Technology)

C2-07: MSII2012-175
Optimization Approach of Fuzzy Control System for the Single Intersection
Wenge Ma*, Quan Yuan and Yan Yan (Liaoning University of Technology)

C2-08: MSII2012-178
Cascade Control of Boiler Drum with Interval Type-2 Fuzzy Logic Systems
Tao Wang*, Rui Bai and Lianjiang Qu (Liaoning University of Technology)
13:40 – 15:40
D2: Soft Computing
Chair: Prof. Wenyi Zeng (Beijing Normal University)

D2-01: MSII2012-009
Approximate Reasoning of Interval-Valued Fuzzy Sets Based on Interval-Valued Similarity Measure Set
Wenyi Zeng* and Yibin Zhao (Beijing Normal University)

D2-02: MSII2012-022
A Novel Normal Estimation Based on Fuzzy Inference for Mass Point Clouds of Denture in the Three-Dimensional Reconstruction
Yanju Liu* and Yongde Zhang (Harbin University of Science and Technology)

D2-03: MSII2012-071
A Novel Method for Mining Frequent Itemsets Using Transaction Matrix
Xiaoyi Deng*, Chun Jin, Yoshiyuki Higuchi and Jim C. Han (Huaqiao University)

D2-04: MSII2012-084
Fuzzy Attribute-Identification Techniques for BE in the Standard Model
Leyou Zhang*, Qing Wu and Yupu Hu (Xidian University)

D2-05: MSII2012-151
An Improved Clustering Algorithm for Product Family Design of Paper Currency Sorter
Wenhua Cui*, Wei Wang, Xiaobing Liu and Jiesheng Wang (University of Science & Technology Liaoning)

D2-06: MSII2012-166
Local Variational Message Propagation for Gaussian Graphical Model
Yarui Chen* and Hailin Xie (Tianjin University of Science and Technology)

D2-07: MSII2012-177
An Adaptive Selection Strategy and Separation Measure for Improving the Wu-Huberman Clustering
Yan Sun*, Yiyuan Tang and Lizhu Yang (Liaoning Normal University)

D2-08: MSII2012-186
The Method of Reasoning Based on the Rules’ Strength of Implication
Jun Zhou*, Hongyan Mei, Shaocheng Tong and Xin Zhang (Liaoning University of Technology)
13:40 – 15:25
E2: Information Processing (1)
Chair: Prof. Jianping Yu (Yanshan University)

E2-01: MSII2012-001
A High Capacity Reversible Information Hiding Algorithm Based on Difference Coding of VQ Indices
Dian-Hui Chu, Zhe-Ming Lu* and Jun-Xiang Wang (Zhejiang University)

E2-02: MSII2012-074
Over-Air Download Based on the Zigbee Wireless Sensor Network
Yang Xu* and Peng Shi (Northwest A&F University)

E2-03: MSII2012-115
Research on Multivariate Analysis Based Network Self-Protection
Lixia Xie*, Mingrui Zhao and Hongyu Yang (Civil Aviation University of China)

E2-04: MSII2012-128
Design and Implementation of the User-Defined Software System for Hazardous Materials In-Transit Monitoring and Early Warning
Zhiyong Yang*, Shan Liang, Xiaohu Shi and Jun Qi (Chongqing Vocational Institute of Engineering)

E2-05: MSII2012-132
Automatic Correctness Checking of Foreign Language Expressions Using Web Search
Hui Liu* and Jianyong Duan (Shanghai Institute of Foreign Trade)

E2-06: MSII2012-133
The Framework of Similar User Extraction System in Online Blog Combined Content with Usage Mining
Zhiguo Zhu* and Liping Kong (Dongbei University of Finance and Economics)

E2-07: MSII2012-154
An Efficient Generalized Signcryption Scheme without Trusty Private Key Generator
Yali Si*, Wenyuan Liu, Ying Li, Guibin Hou and Zecui Xie (Yanshan University)
16:00 – 17:45
A3: Control Application
Chair: Prof. Haisheng Yu (Qingdao University)

A3-01: MSII2012-031
Real Time Performance Improvement of Electrical Resistance Tomography
  *Pai Wang*, Baolong Guo and Nan Li (Xidian University)

A3-02: MSII2012-043
Output Voltage Control of Boost Converter Based on Port-Hamiltonian Systems Theory
  *Haisheng Yu*, Lijia Zhang, Jinpeng Yu and Ning Zhu (Qingdao University)

A3-03: MSII2012-061
Batteries State-of-Charge Estimation of Stand-Alone Photovoltaic System Based on Evolution of Hybrid Particle Filtering
  *Li Lin*, Jun Wang, Taiqiang Cao, Huiling Wang, Zhang Sun and Mingqing Wang (Xihua University)

A3-04: MSII2012-134
Cramér-Rao Bound for Parameter Estimation in Wideband Bistatic Multiple-Input Multiple-Output Radar
  *Li Li*, Tianshuang Qiu and Xiaofei Shi (Dalian University of Technology)

A3-05: MSII2012-145
The Application of Non-Cooperative Nash Game Theory to Satellite Network Flow Control
  *Ruiyan Cai*, Jiasheng Hu, Haiyan Liu and Chengsheng Pan (Dalian University)

A3-06: MSII2012-137
Multi-Viewpoint Based Dimension Control to Knowledge Organization System
  *Lijun Zhu*, Fengjun Sun and Jie Ou (Institute of Scientific and Technical Information of China)

A3-07: MSII2012-167
Research on Stock Control Strategy in Emergency Logistics Network Considering the Diffusion Rule of Anthrax Using the System Dynamics Approach
  *Jiaxiang Hu* and Lindu Zhao (Southeast University)
16:00 – 17:45
B3: Recognition/Classification
Chair: Prof. Wenju Li (Liaoning Normal University)

B3-01: MSII2012-036
Sparse Field Snake Model: A Novel Active Contour Model Used for Lung Segmentation on Chest Radiographs
Zhenghao Shi*, Li Li, Minghua Zhao, Lifeng He, Yinghui Wang, Ming Zhang and Kenji Suzuki (Xi’an University of Technology)

B3-02: MSII2012-057
Time Frequency Analysis for Action Conversion Characteristics of Surface Electromyography Signals
Bo You, Hanqing Zhao*, Ling Huang and Lina Zhou (Harbin University of Science and Technology)

B3-03: MSII2012-144
Spatial Relation Extraction in Natural Language with Multi-Label Classification Model
Junsheng Zhou*, Lean Xiang, Hao Zhou, Weiguang Qu and Xuri Tang (Nanjing Normal University)

B3-04: MSII2012-147
Design of CMAC for Recognition and Evaluation of Dangerous Chemicals Logistics
Wenli Li, Shidao Geng* and Rui Li (Dalian University of Technology)

B3-05: MSII2012-160
Cattle Face Recognition Using Sparse Representation Classifier
Maogeng Xia and Cheng Cai* (Northwest A&F University)

B3-06: MSII2012-170
Efficient Modified Weber Local Descriptor Approach to Bovine Iris Recognition
Shengnan Sun* and Lindu Zhao (Southeast University)

B3-07: MSII2012-180
Plant Promoter Recognition Based on GC-Skew and DNA Double Strand Features
Wenju Li*, Qiubo Kou, Jin Liu and Lianjun Gao (Liaoning Normal University)
16:00 – 17:45

C3: Neural Network
Chair: Prof. Ruizhu Han (Southeast University)

C3-01: MSII2012-005
Fault Diagnosis of Diesel Engine Fuel System Based on Genetic Algorithm Optimizing BP Neural Network Model and D-S Evidence Theory
Gang Liu*, Xingcheng Wang, Fangwen Li and Wenqing Wu (Dalian Maritime University)

C3-02: MSII2012-048
On Camera Calibration via Convergence of Back Propagation Neural Network and Improved Adaptive Genetic Algorithm
Dong-yuan Ge*, Xi-fan Yao, Wen-jiang Xiang and Hong-zhuan Li (South China University of Technology)

C3-03: MSII2012-065
Fault Detection and Diagnosis Based on PCAPNN for Turbo Generator Unit
Chenghua Shi* and Fei Zhao (Hebei University of Engineering)

C3-04: MSII2012-070
Research on the Application of BP Neural Network in Financial Analysis of the Finance-Transportation-Warehouse for Banks
Ruizhu Han* and Zongchao He (Southeast University)

C3-05: MSII2012-102
The Optimization Based on Improved Membrane Algorithm for Fuzzy RBF Neural Network Control of Ball-Plate System
Dongbo Liu, Xiucheng Dong* and Peng Shi (Xihua University)

C3-06: MSII2012-118
The Rapid Prediction Method for Impedance Equivalent Circuit Model Parameters of Lithium-Ion Battery
Ran Li*, Junfeng Wu, Haiying Wang and Gechen Li (Harbin University of Science and Technology)

C3-07: MSII2012-185
The Research of Radio Signal Classification Based on Improved BP Neural Network
Qiang Li*, Zheng Pei and Xuan Zhou (Xihua University)
16:00 – 17:45
D3: Optimization
Chair: Prof. Tong Li (Hangzhou Dianzi University)

D3-01: MSII2012-010
A Simplified and Accurate Registration for Splat-Based Fruit Scans
Hui-jun Yang*, Dong-jian He and Peng Shi (Northwest A&F University)

D3-02: MSII2012-069
A Continuous Relaxation Method for the Design of Finite Impulse Response Filters with Discrete Coefficients
Yaling Zhang and Xuwen Mu* (Xidian University)

D3-03: MSII2012-075
A New Method of Attribute Reduction for Decision Formal Context
Wenxue Hong*, Jianping Yu, Fei Cai and Jialin Song (Yanshan University)

D3-04: MSII2012-081
Plant Growth Simulation Algorithm for Solving Indeterminate Equation
Tong Li*, Cuihong Zhang and Weiling Su (Hangzhou Dianzi University)

D3-05: MSII2012-104
Using Improved Locally Linear Embedding for Predicting Protein Structural Class
Peng Wei, Kai Wang, Junwei Ma* and Lidong Wang
(Shanxi Electric Power Company)

D3-06: MSII2012-156
A Model of Travel Time Estimation in Dynamic
Yingjie Wang*, Shuang Hou and Fengbo Bai (Dalian University)

D3-07: MSII2012-157
An Inexact Relaxed Proximal Point Algorithm for Multi-Task Sparse Learning Problem
Xiaoling Fu*, Xiangfeng Wang and Haiyan Wang (Southeast University)
E3: Information Processing (2)
Chair: Prof. Shunfu Jin (Yanshan University)

E3-01: MSII2012-007
Performance Evaluation of the Sleep Mode in IEEE 802.16m with Multiple Heterogeneous Vacation Queueing Model
Shunfu Jin*, Xiaofei Zhang and Wuyi Yue (Yanshan University)

E3-02: MSII2012-025
Adaptive Source Extraction Techniques Based on Maximum Likelihood Estimation
Yongjian Zhao*, Boqiang Liu and Zhongguo Liu (Shandong University at Weihai)

E3-03: MSII2012-050
A New Approach of Generation of Structural Partial-Ordered Attribute Diagram
Wenxue Hong*, Shaoxiong Li, Jianping Yu and Jialin Song (Yanshan University)

E3-04: MSII2012-108
Fault Detection in Industry Process Based on Optimal Basis Wavelet Packet De-Noising Combining with KPCA
Ning Lv*, Mingyu Pan, Daosong Wen and Guangliang Li (Harbin University of Science and Technology)

E3-05: MSII2012-105
Research on ZnO Nanowire Manipulation Method in Scanning Electron Microscope
Dongjie Li, Jinyu Wang*, Bo You, Weibin Rong and Jiaou Zou (Harbin University of Science and Technology)

E3-06: MSII2012-111
Station Selection Analysis Based on Radio Passive Localization Accuracy
Wei Liu*, Nian Jia, Zheng Pei and Jun Zhang (Xihua University)

E3-07: MSII2012-152
Weighted Combination of Conflict Evidence Based on Correlation Coefficient
Zhenjian Li, Wen Jiang*, Jia Jia, Dejie Duanmu and Yong Deng (Northwestern Polytechnical University)