

The First International Conference of Advanced Data Mining and Applications (ADMA2005) 22-24 July 2005

July 21, 2005				
7:30pm - 10:30pm	Registration (in Fengyi Hotel)			
July 22, 2005				
7:30am-8:30am	Registration (in Fengyi Hotel)			
8:30am	Opening Ceremony (in multi-functional hall of Fengyi Hotel)			
9:30am	Photo Taking			
10:00am	Keynote Speech (in multi-functional hall of Fengyi Hotel)			
	Topic: Decision Making With Uncertainty and Data Mining Speaker: David L. Olson, Professor, Ph.D., University of Nebraska, USA			
12:00am	Topic: Complex Network and Web Mining Speaker: Deyi LI, Professor, Ph.D., Member of Chinese Academy of Engineering, China			
	Welcome Luncheon (treated by Wuhan University)			
1:00pm - 2:30pm	Middle Day Break			
2:30pm	Session 1: Association Rules, Classification and Clustering (in No. 4 Meeting Room of Fengyi Hotel)	Session 2: Novel Algorithms and Advanced Applications(in No. 5 Meeting Room of Fengyi Hotel)	Session 3: Text, Multimedia, Sequential Data, Time Series, and Web Mining(in No.6 Meeting Room of Fengyi Hotel)	Session 4: Biomedical, Spatial Data, Streaming Data Mining and Security and Privacy Issues(in No. 7 Meeting Room of Fengyi Hotel)
	Topic: Mining Quantitative Association Rules on Overlapped Intervals	Topic: A New Support Vector Machine for Data Mining	Topic: A Non-VSM kNN Algorithm for Text Classification	Topic: Role Of Relationship and Its Meta Model for Design Pattern Instantiation
	Speaker: Qiang Tong, Baoping Yan, Yuanchun Zhou	Speaker: Haoran Zhang, Xiaodong Wang, Changjiang Zhang, Xiuling Xiu	Speaker: Zhi-Hong Deng, Shiwei Tang	Speaker: Chengwan He, Fei He, Keqing He, Jin Liu, Wenjie Tu
	Topic: An Approach to Mining Local Causal Relationships from Databases	Topic: The Infinite Polynomial Kernel for Support Vector Machine	Topic: A Study on Text Clustering Algorithms based on Frequent Term Sets	Topic: A Polynomial Smooth Support Vector Machine for Classification
	Speaker: Yangbo He, Zhi Geng, Xun Liang	Speaker: Degang Chen, Qiang He, Xizhao Wang	Speaker: Xiangwei Liu, Pilian He	Speaker: Yu Bo Yuan, Ting Zhu Huang
	Topic: Mining Least Relational Patterns from Multiple Relational Tables	Topic: Routing Attribute Data Mining based on Rough Set Theory	Topic: An Improvement of Text Association Classification Using Rules Weights	Topic: Bayesian Neural Networks for Prediction of Protein Secondary Structure
	Speaker: Siti Hairulnita Selamat, Mustafa Mat Deris, Rabiei Mamat, Zuriana Abu Bakar	Speaker: Yanbing Liu, Hong Tang, Menghao Wang, Shixin Sun	Speaker: Xiao Yun Chen, Yi Chen, Lu Rong Li, Yun Fa Hu	Speaker: Jianlin Shao, Dong Xu, Lanzhou Wang, Yifei Wang
	Topic: Finding all Frequent Patterns Starting from the Closure	Topic: Data Mining based on Ant Colony System Algorithm	Topic: Word Segmentation and POS Tagging for Chinese Keyphrase Extraction	Topic: PromPredictor: A Hybrid Machine-learning System for Recognition and Location of Transcription Start Sites in Human Genome
Speaker: Mohammad El-Hajj, Osmar R. Za'ayane	Speaker: Weijin Jiang, Yusheng Xu, Yuhui Xu	Speaker: Xiaochun Huang, Jian Chen, Puliu Yan, Xin Luo	Speaker: Tao Li, Chuanbo Chen	
4:10pm	Coffee Break			
4:20pm	Topic: Multiagent Association Rules Mining in Cooperative Learning Systems	Topic: Context-Sensitive Regression Analysis for Distributed Data	Topic: Learning User Profiles from Text in e-Commerce	Topic: Robust Ensemble Machine Learning for Cancer Diagnosis based on Microarray Data Classification
	Speaker: Reda Alhajj, Mehmet Kaya	Speaker: Yan Xing, Michael G. Madden, Jim Duggan, Gerard J. Lyons	Speaker: M. Degemmis, P. Lops, S. Ferilli, N. Di Mauro, T. M.A. Basile, G. Semeraro	Speaker: Yonghong Peng
	Topic: VisAR: A New Technique for Visualizing Mined Association Rules	Topic: Customer Churn Prediction using Improved One-class Support Vector Machine	Topic: Data Mining based on Objects in Video Flow with Dynamic Background	Topic: A Comprehensive Benchmark of the Artificial Immune Recognition System (AIRS)
	Speaker: Kesaraporn Techapichetvanich, Amitava Datta	Speaker: Yu Zhao, Bing Li, Xiu Li, Wenhuan Liu, Shouju Ren	Speaker: Cheng Zeng, Jiaheng Cao, Ying Fang, Pei Du	Speaker: Lingjun Meng, Peter van der Putten, Haiyang Wang
	Topic: An Efficient Algorithm for Mining Both Closed and Maximal Frequent Free Subtrees Using Canonical Forms.	Topic: The Application of Adaptive Partitioned Random Search in Feature Selection Problem	Topic: An Approach to Compressed Image Retrieval based on JPEG2000 Framework	Topic: An Analysis of Missing Data Treatment Methods and their Application to Health Care Dataset
	Speaker: Ping Guo, Yang Zhou, Jun Zhuang, Ting Chen, Yan Rong Kang	Speaker: Xiaoyan Liu, Huaiqing Wang, Dongming Xu	Speaker: Jianguo Tang, Wenyin Zhang, Chao Li	Speaker: Peng Liu, Elia El-Darzi, Lei Lei, Christos Vasilakis, Panagiotis Chountas, Wei Huang
	Topic: E-CIDIM: Ensemble of CIDIM Classifiers	Topic: Heuristic Scheduling of Concurrent Data Mining Queries	Topic: Target Segmentation and Feature Extraction for Undersea Image based on Function Transformation	Topic: Parallel Genetic Algorithm and Parallel Simulated Annealing Algorithm for the Closest String Problem
Speaker: Gonzalo Ramos-Jimenez, Jos'e del Campo- Avila, Rafael Morales-Bueno	Speaker: Marek Wojciechowski, Maciej Zakrzewicz	Speaker: Fuyuan Peng, Yan Tian, Xi Yu, Guohua Xu, Qian Xia	Speaker: Xuan Liu, Hongmei He, Ondrej Sykora	
6:00pm	Diner			

July 23, 2005				
8:30am	Keynote Speech (in multi-functional hall of Fengyi Hotel)			
	Topic: In-Depth Data Mining and Its Application In Stock Market Speaker: Chengqi Zhang, Professor, PhD, DSc., University of Technology Sydney, Australia.			
10:30pm	Topic: Relevance of Counting in Data Mining Tasks Speaker: Osmar R. Zaiane, Associate Professor Ph.D., University of Alberta, Canada.			
	Tea Break			
10:40am	Session 5: Association Rules, Classification and Clustering (in No. 4 Meeting Room of Fengyi Hotel)	Session 6: Novel Algorithms and Advanced Applications(in No. 5 Meeting Room of Fengyi Hotel)	Session 7: Text, Multimedia, Sequential Data, Time Series, and Web Mining(in No.6 Meeting Room of Fengyi Hotel)	Session 8: Biomedical, Spatial Data, Streaming Data Mining and Security and Privacy Issues(in No. 7 Meeting Room of Fengyi Hotel)
	Topic: Partially Supervised Classification based on Weighted Unlabeled Samples Support Vector Machine	Topic: Using Gap-insensitive String Kernel to Detect Masquerading	Topic: ART in Image Reconstruction with Narrow Fan-Beam based on Data Mining	Topic: Mining Interesting Association Rules in Medical Images
	Speaker: Zhigang Liu, Wenzhong Shi, Deren Li, Qianqing Qin	Speaker: Chuanhuan Yin, Shengfeng Tian, Shaomin Mu	Speaker: Zhong Qu, Junhao Wen, Dan Yang, Ling Xu, Yu Wu	Speaker: Haiwei Pan, Jianzhong Li, Zhang Wei
	Topic: Mining Correlated Rules for Associative Classification	Topic: A New Method for Linear Ill-posed Problem: Iteration Methods by Rectifying Eigenvalue	Topic: Digits Speech Recognition based on Geometrical Learning	Topic: Hybrid Feature Ranking for Proteins Classification
	Speaker: Jian Chen, Jian Yin, Jin Huang	Speaker: Yu Gang Tian, Pei Jun Shi, Xin Zhou Wang, Kun Qin	Speaker: Wanming Cao, Xiaoxia Pan, Shuoju Wang, Jing Hu	Speaker: Ricco Rakotomalala, Faouzi Mhamdi, Mourad Elloumi
	Topic: A Comprehensively Sized Decision Tree Generation Method for Interactive Data Mining of Very Large Databases	Topic: The Dynamic Character Curve Adjusting Model of Electric Load based on Data Mining Theory	Topic: A Novel Information Hiding Technique for Remote Sensing Image	Topic: Predicting Subcellular Localization of Proteins Using Support Vector Machine with N-terminal Amino Composition
Speaker: Hyontai Sug	Speaker: Xiaoxing Zhang, Haijun Ren, Yuming Liu, Qiyun Cheng, Caixin Sun	Speaker: Xianmin Wang, Zequn Guan, Chenhan Wu	Speaker: Yan-fu Li, Juan Liu	
12:00pm	Lunch			
1:00pm - 2:30pm	Middle Day Break			
2:30pm	Session 9: Association Rules, Classification and Clustering (in No. 4 Meeting Room of Fengyi Hotel)	Session 10: Novel Algorithms and Advanced Applications(in No. 5 Meeting Room of Fengyi Hotel)	Session 11: Text, Multimedia, Sequential Data, Time Series, and Web Mining(in No.6 Meeting Room of Fengyi Hotel)	Session 12: Biomedical, Spatial Data, Streaming Data Mining and Security and Privacy Issues(in No. 7 Meeting Room of Fengyi Hotel)
	Topic: Using Latent Class Models for Neighbors Selection in Collaborative Filtering	Topic: Using Boosting Learning Method for Intrusion Detection	Topic: Content-based News Video Mining	Topic: Automatic Image Registration via Clustering and Convex Hull Vertices Matching
	Speaker: Xiaohua Sun, Fansheng Kong, Xiaobing Yang, Song Ye	Speaker: Wu Yang, Xiao-Chun Yun, Yong Tian Yang	Speaker: Junqing Yu, Yunfeng He, Shijun Li	Speaker: Xiangyu Yu, Hong Sun
	Topic: Reducts in Incomplete Decision Tables	Topic: Automatic Inspection of Industrial Sheetmetal Parts with Single Non-metric CCD Camera	Topic: Fingerprint Image Segmentation based on Gaussian-Hermite Moments	Topic: Privacy Preserving Naive Bayes Classification
	Speaker: Renpu Li, Dao Huang	Speaker: Yongjun Zhang	Speaker: Lin Wang, Hongmin Suo, Mo Dai	Speaker: Peng Zhang, Yunhai Tong, Shiwei Tang, Dongqing Yang
	Topic: Learning k-Nearest Neighbor Naive Bayes for Ranking	Topic: An Advanced Implementation of a Distributed Control Scheme based on LonWorks System Over IP Networks	Topic: HVSM: A New Sequential Pattern Mining Algorithm Using Bitmap Representation	Topic: A Further Study on Inverse Frequent Set Mining Problem
	Speaker: Liangxiao Jiang, Harry Zhang, Jiang Su	Speaker: Il-Joo Shim, Kyung-Bae Chang, Ki-Hyung Yu, Dong-Woo Cho, Kyoo-Dong Song, Gwi-Tae Park	Speaker: Shijie Song, Huaping Hu, Shiyao Jin	Speaker: Xia Chen, Maria Orłowska
	Topic: One Dependence Augmented Naive Bayes	Topic: Structural Damage Detection by Integrating Independent Component Analysis and Support Vector Machine	Topic: HGA-COFFEE: Aligning Multiple Sequences by Hybrid Genetic Algorithm	Topic: Mathematical Analysis of Classifying Convex Clusters based on Support Functionals
Speaker: Liangxiao Jiang, Harry Zhang, Zhihua Cai, Jiang Su	Speaker: Huazhu Song, Luo Zhong, Bo Han	Speaker: Lifang Liu, Hongwei Huo, Baoshu Wang	Speaker: Xun Liang	
4:10pm	Coffe Break			
4:20pm	Topic: A Genetic k-Modes Algorithm for Clustering Categorical Data	Topic: An LZ78 based String Kernel	Topic: Independent Component Analysis for Clustering Multivariate Time Series Data	Topic: Linear Belts Mining from Spatial Database with Mathematical Morphological Operators
	Speaker: Guojun Gan, Zijiang Yang, Jianhong Wu	Speaker: Ming Li, Ronan Sleep	Speaker: Edmond H.C. Wu, Philip L.H. Yu	Speaker: Min Wang, JianCheng Luo, Chenghu Zhou
	Topic: A Fast Fuzzy Clustering Algorithm for Large-scale Datasets	Topic: Classifying Class and Finding Community in UML Metamodel Network.	Topic: Applying Fuzzy Neural Network to Intrusion Detection based on Sequences of System Calls	Topic: Spatial Information Multi-Grid for Data Mining
	Speaker: Lukui Shi, Pilian He	Speaker: Bin Liu, Deyi Li, Jin Liu, Fei He	Speaker: Guiling Zhang, Jizhou Sun	Speaker: Zhenfeng Shao, Deren Li
	Topic: Clustering With Noising Method	Topic: An Adaptive Network Intrusion Detection Method based on PCA and Support Vector Machines	Topic: Design and Implementation of Web Mining System based on Multi-Agent	Topic: A Uniform Framework of 3D Spatial Data Model and Data Mining from the Model
	Speaker: Yongguo Liu, Yan Liu, Kefei Chen	Speaker: Xin Xu, Xuening Wang	Speaker: Wenbin Hu, Bo Meng	Speaker: Penggen Cheng
	Topic: Extracting the Representative Failure Executions via Clustering nalysis based on Markov Profile Model	Topic: Improved Grid Information Service Using the Idea of File-parted Replication	Topic: A Novel Framework for Web Page Classification Using Two-Stage Neural Network	Topic: Mining Standard Land Price with Tension Spline Function
Speaker: Chengying Mao, Yansheng Lu	Speaker: Jingwei Huang, Qingfeng Fan, Qiongli Wu, Yanxiang He	Speaker: Yunfeng Li, Yukun Cao, Qingsheng Zhu, Zhengyu Zhu	Speaker: Hanning Yuan, Wenzhong Shi, Jiabing Sun	
6:00pm	Banquet (in Fengyi Hotel)			

July 24, 2005					
8:30am	Invited Papers (in multi-functional hall of Fengyi Hotel) - A			Invited Papers (in multi-functional hall of Fengyi Hotel) - B	
	Topic: Term Graph Model for Text Classification Speaker: Wei Wang, Diep Bich Do, Xuemin Lin			Topic: A Latent Usage Approach for Clustering Web Transaction and Building Speaker: Yanchun Zhang, Guandong Xu, Xiaofang Zhou	
9:20am	Session 13: Association Rules, Classification and Clustering (in No. 4 Meeting Room of Fengyi Hotel)	Session 14: Novel Algorithms and Advanced Applications(in No. 5 Meeting Room of Fengyi Hotel)		Session 15: Text, Multimedia, Sequential Data, Time Series, and Web Mining(in No.6 Meeting Room of Fengyi Hotel)	Session 16: Biomedical, Spatial Data, Streaming Data Mining and Security and Privacy Issues(in No. 7 Meeting Room of Fengyi Hotel)
	Topic: Improvement on the Approximation Bound for Fuzzy-Neural Networks Clustering Method with Gaussian Membership Function	Topic: Dynamic Shape Modeling of Consumers' Daily Load based on Data Mining		Topic: Fuzzy Evaluation of Hotel Websites	Topic: Mining Recent Frequent Itemsets in Data Streams by Radioactively Attenuating Strategy
	Speaker: Weimin Ma, Guoqing Chen	Speaker: Lianmei Zhang, Shihong Chen, Qiping Hu		Speaker: Rob Law	Speaker: Lifeng Jia, Zhe Wang, Chunguang Zhou, Xiujuan Xu
	Topic: Optimal Fuzzy Modeling based On Minimum Cluster Volume	Topic: A Study on the Mechanism of Virtual SAN-based Spatial Data Storage with Double-thoroughfare in Grid		Topic: Querying Web Images by Topic and Example Specification Methods	Topic: User Subjectivity in Change Modeling of Streaming Itemsets
	Speaker: Can Yang, Jun Meng	Speaker: Jinsong Gao, Wen Zhang, Zequn Guan		Speaker: Ching-Cheng Lee, Rashmi Prabhakara	Speaker: Vasudha Bhatnagar, Sarabjeet Kaur Kochha
10:10am	Tea Break				
10:20am	Topic: An Efficient Clustering Approach for Large Document Collections	Topic: A BP Neural Network Predictor Model for Removing Sulfur in Molten Iron		Topic: The Research on Fuzzy Data Mining Applied on Browser Records	Topic: A Grid-based Clustering Algorithm for High-Dimensional Data Streams
	Speaker: Bo Han, Lishan Kang, Huazhu Song	Speaker: Zhijun Rong, Binbin Dan, Jiangang Yi		Speaker: Qingzhang Chen, Jianghong Han, Yungang Lai, Wenxiu He, Keji Mao	Speaker: Yansheng Lu, Yufen Sun, Guiping Xu, Gang Liu
	Topic: Clustering Categorical Data Using Coverage Density	Topic: A Flexible Report Architecture based on Association Rules Mining		Topic: Discovering Underlying Page Hierarchy of a Web Site from User Traversal Pattern	
	Speaker: Hua Yan, Lei Zhang, Yi Zhang	Speaker: Qiping Hu		Speaker: Xia Chen, Min-qiang Li, Wei Zhao, Ding-Yi Chen	
11:00am	Conference Panel (in multi-functional hall of Fengyi Hotel) Grand Challenges (Chaired by Professor Paul Bailes)				
12:00pm	Closing Ceremony (in multi-functional hall of Fengyi Hotel)				