

Workshop on Artificial Intelligence and Fuzzy Systems
Workshop on Database, Data Mining, and Information Retrieval

Date: Wednesday, 12 Dec. 2012

Room: 3F 315.316.317

Session: Database and Data Mining (1:00~2:30 pm)

Chair: **Prof. Arbee L.P. Chen**, National Cheng-chi University, Taiwan

- 1150 A Hybrid Prediction Algorithm for Traffic Speed Prediction
Bo-Wei Huang, Kun-Wei Wang, Ling-Yin Wei, and Wen-Chih Peng
- 1149 Finding Leaders with Maximum Spread of Influence through Social Networks
Tsung An Yeh, En Tzu Wang, and Arbee L.P. Chen
- 1029 Path Tree: Mining Sequential Patterns Efficiently in Data Streams Environments
Guanling Lee, Kuo-Che Hung, and Yi-Chun Chen
- 1088 Feature Reduction and Selection for Automatic Image Annotation
Guan-Bin Chen and Been-Chian Chien

Session: Data Mining and Evolutionary Computing (2:45~4:15 pm)

Chair: **Prof. Han-Ying Kao**, National Dong Hwa University, Taiwan

- 1062 Genetic-evolved Bayesian networks in a biomedical application
Chih-Chiang Wei
- 1206 A Discriminative Multi-Objective Programming Method for Solving Network DEA
Han-Ying Kao and Chieh-Yu Chan
- 1199 Mining High Utility Itemsets Based on the Pre-large Concept
Chun-Wei Lin, Tzung-Pei Hong, Guo-Cheng Lan, Jia-Wei Wong, and Wen-Yang Lin
- 1033 Maximum Likelihood DOA Estimation with Sensor Position Perturbation Using Particle Swarm Optimization
Jhieh-Chung Chang and Chia-Yi Chen

Session: Computer Games (4:30~6:00 pm)

Chair: **Prof. Shi-Jim Yen**, National Dong Hwa University, Taiwan

- 1008 A New GPS Position Correction Method Based on Genetic Programming
Jung-Yi Lin, Ming-Chih Tung, Chia-Hui Chang, Chao-Chung Liu, and Ju-Fu Peng
- 1082 Optimistic Heuristics for MineSweeper
Olivier Buffet, Chang-Shing Lee, Woan-Tyng Lin, and Olivier Teytuad

- 1092 Learning a Move-Generator for Upper Confidence Trees
Adrien Couetoux, Olivier Teytaud, and Hassen Doghmen
- 1118 Software Framework for Generic Game Development in CGDG
Hao-Yun Liu, I-Chen Wu, Hao-Hua Kang, Ting-Fu Liao, and Lung-Pin Chen
- 1130 The Art of the Chinese Dark Chess Program DIABLE
Shi-Jim Yen, Cheng-Wei Chou, Jr-Chang Chen, I-Chen Wu, and Kuo-Yuan Kao