

IEEE ICDM 2005 Workshop

Computational Intelligence in Data Mining

November 27th, 2005, Houston, Texas, USA

Workshop Program

1:15 - 1:20 Workshop Opening

Zbigniew W. Ras (UNC-Charlotte)

Session I

1:20 - 1:45 Juan K. Lin (Rutgers Univ.)

Structured Multinomial Models of Traffic Flow

1:45 - 2:10 Shigeo Abe (Kobe Univ., Japan)

Training of Kernel Fuzzy Classifiers by Dynamic Cluster Generation

2:10 - 2:35 Antonio C. S. Branco, Alexandre G. Evsukoff & Nelson F. F. Ebecken
(COPPE/Federal Univ. of Rio de Janeiro, Brazil)

Generating Fuzzy Queries from Weighted Fuzzy Classifier Rules

2:35 - 3:00 Bernd Wiswedel & Michael R. Berthold (Univ. of Konstanz, Germany)

Fuzzy Clustering in Parallel Universes with Noise Detection

3:00 - 3:25 Hisao Ishibuchi & Yusuke Nojima (Osaka Prefecture Univ., Japan)

Accuracy-Complexity Tradeoff Analysis by Multiobjective Rule Selection

3:25 - 3:40 Break

Session II

3:40 - 4:05 Hong-Cheu Liu (Univ. of Wollongong, Australia) & John Zeleznikow
(Victoria Univ., Australia)

Intelligent Computation for Association Rule Mining

4:05 - 4:30 Seunghyun Im, Zbigniew W. Ras (UNC-Charlotte) & Agnieszka Dardzinska
(Bialystok Technical Univ., Poland)

*Building A Security-Aware Query Answering System Based On
Hierarchical Data Masking*

4:30 - 4:55 Nicolas Cebron & Michael R. Berthold (Konstanz Univ., Germany)

Mining of Cell Assay Images Using Active Semi-Supervised Clustering

4:55 - 5:20 Sujaa Rani Mohan, E.K. Park & Yijie Han (Univ. of Missouri)

An Adaptive Intrusion Detection Systems using a Data Mining Approach

5:20 - 5:45 Shin-ichi Minato (Hokkaido Univ., Japan)

*Finding Simple Disjoint Decompositions in Frequent Itemset
Data Using Zero-suppressed BDDs*