

Workshop Schedule

(presenters in **boldface**)

Introduction

- 8:30 am - 8:35 am Inderjit Dhillon and Jacob Kogan
Session I, Session Chair Shi Zhong
- 8:35 am - 9:25 am Charles Elkan [University of California, San Diego]
Faster, better, and smarter k-means clustering
- 9:25 am - 9:30 am **Break**
- 9:30 am - 10:00 am Fei Pan [North Dakota State University],
Xin Hu [The Rockefeller University],
Baoying Wang and **William Perrizo** [North Dakota State University]
*Efficient Density Clustering Analysis
for Microarray Gene Expression Data*
- 10:00 am - 10:30 am **Coffee Break**
- Session II**, Session Chair Lance Parsons
- 10:30 am - 11:00 am Vladimir Volkovich [Ort Braude College],
Jacob Kogan and Charles Nicholas [UMBC]
k-means Initialization by Sampling Large Datasets
- 11:00 am - 11:30 am Olvi L. Mangasarian and **Edward W. Wild** [University of Wisconsin]
Feature Selection in k-Median Clustering
- 11:30 am - 12:00 am **Shi Zhong** [Florida Atlantic University]
Semi-supervised Model-based Clustering: A Comparative Study
- 12:00 am - 1:45 pm **Lunch**
- Session III**, Session Chair Hichem Frigui
- 1:45 am - 2:15 pm **Frank Meyer** [France Telecom R&D]
*Subspace Hierarchical Clustering for Very Large Databases
with Mixed Type Attributes*
- 2:15 am - 2:45 am **Lance Parsons**, Ehtesham Haque and Huan Liu [Arizona State University]
Evaluating Subspace Clustering Algorithms
- 2:45 am - 3:15 am **Anne Patrikainen** and Heikki Mannila [Helsinki University of Technology]
*Subspace Clustering of High-Dimensional Binary
Data — a Probabilistic Approach*
- 3:15 am - 3:45 am **Coffee Break**
- Session IV**, Session Chair Edward Wild
- 3:45 am - 4:15 am Shuting Xu and **Jun Zhang** [University of Kentucky]
Clustering Web Document Sets with Different Closeness
- 4:15 am - 4:45 am **Hichem Frigui** and Krishna K. Jampana [University of Memphis]
*Self Organization and Visual Exploration of Large High Dimensional
Data Sets*