

DMMT'08 Workshop Program

General Schedule

Session I: Invited Sessions

2:00 -- 2:45pm: Keynote Talk: Sufficient Dimension Reduction

-- [Prof. Michael I. Jordan](#), University of California at Berkeley

2:45 -- 3:15pm: Invited Talk: Linear Discriminant Analysis and its Generalizations

-- [Prof. Haesun Park](#), Georgia Institute of Technology

3:15 -- 3:40pm: Invited Talk

-- [Prof. Lenore R. Mullin](#), Program Director, NSF CISE CCF Theoretical Foundations Cluster

3:40 -- 4:00pm: Coffee Break

Session II: Graph and Tensor

4:00 -- 4:30pm: Invited Talk: Surprising Patterns in Large Graphs

-- [Prof. Christos Faloutsos](#), Carnegie Mellon University

4:30 -- 4:40pm: Theoretical Progress in Tensor Clustering and Error Bounds

-- [Prof. Chris Ding](#), University of Texas at Arlington

4:40 -- 4:50pm: Understanding Epilepsy Seizure Structure using Tensor Analysis

-- [Dr. Evrim Acar Ataman](#), Sandia National Laboratories

Session III: Paper Presentations

4:50 -- 5:00pm: Improving Principal Direction Divisive Clustering

-- Sotiris Tasoulis (University of Patras), Dimitris Tasoulis (Imperial College London)

5:00 -- 5:10pm: Investigating Boolean Matrix Factorization

-- Vaclav Snasel, Jan Platos, Pavel Kromer (Technical University of Ostrava), Dusan Husek (Academy of Sciences of the Czech Republic), Roman Neruda (Academy of Sciences of the Czech Republic), Alexander Frolov (Russian Academy of Sciences)

5:10 -- 5:20pm: Leveraging Matrix Computations for Efficient Learning on Graphs

-- Thomas Gärtner (Fraunhofer Institute IAIS), Shankar Vembu (Fraunhofer Institute IAIS)

5:20 -- 5:30pm: Probabilistic Interpretations and Extensions for a Family of 2D PCA-style Algorithms

-- Shipeng Yu (Siemens Medical Solutions), Jinbo Bi (Siemens Medical Solutions), Jieping Ye (Arizona State University)

5:30 -- 5:40pm: Trace Solution Paths for SVMs via Parametric Quadratic Programming

-- Zhili Wu (Hong Kong Baptist University), Aijun Zhang (University of Michigan), Chun-hung Li (Hong Kong Baptist University), Agus Sudjianto (Bank of America)

5:40 -- 5:50pm: *Workshop Wrap-up*