

Workshop Schedule
(presenters in **boldface**)

Introduction

9:00- 9:05 Jacob Kogan, UMBC

Session I Chair: David Gondek, Brown University

9:05- 9:50 *PDDP(1): Towards a Flexible Principal Direction Divisive Partitioning Clustering Algorithm.* D. Zeimpekis and **E. Gallopoulos**, Department of Computer Engineering and Informatics, University of Patras, Greece.

9:50-10:35 *Modern Preconditioned Eigensolvers for Spectral Image Segmentation and Graph Bisection.* **A. Knyazev**. Department of Mathematics, University of Colorado at Denver.

10:35-11:00 **Coffee Break**

Session II Chair: Hongbin Guo, Arizona State University

11:00-11:45 *Training Support Vector Machines via Adaptive Clustering.* D. Boley and **D. Cao**. Department of Computer Science and Engineering, University of Minnesota.

11:45-12:30 *Clustering of Bipartite Advertiser-Keyword Graph.* J. Carrasco, D. Fain, **K. Lang** and L. Zhukov. Overture Research, Yahoo!

12:30-13:30 **Lunch**

Session III Chair: Dongwei Cao, University of Minnesota

13:30-14:15 *Conditional Information Bottleneck Clustering.* **D. Gondek** and T. Hofmann. Department of Computer Science, Brown University.

14:15-15:00 *Speeding Up K-Means Clustering By Bootstrap Averaging.* **I. Davidson** and A. Satyanarayana. Department of Computer Science, State University of New York, Albany.

15:00-15:45 *The Entropic Geometric Means Algorithm: An Approach to Building Small Clusters for Large Text Datasets.* **J. Kogan** Department of Mathematics and Statistics and CSEE Department, UMBC; M. Teboulle, School of Mathematical Sciences, Tel-Aviv University, and C. Nicholas, CSEE Department, UMBC.

16:15-16:00 **Coffee Break**

Session IV Chair: Ian Davidson, State University of New York

16:00-16:45 *Towards Effective and Efficient Distributed Clustering.* **Eshref Januzaj**, Hans-Peter Kriegel and Martin Pfeifle, University of Munich, Munich, Germany.

16:45-17:30 *Clustering for three dimensional Kinetic PET Data.* **H. Guo**, R. Renaut, Department of Mathematics and Statistics, Arizona State University and K. Chen, Good Samaritan PET Center, Good Samaritan Regional Medical Center, Phoenix, AZ.