

Workshop Schedule

Introduction

8:15- 8:20am

Michael W. Berry, University of Tennessee at Knoxville

Keynote Speaker

8:20- 9:00am

Hinrich Schütze (Enkata Technologies)

Open Source Text Mining

Session I: Clustering

9:00- 9:30am

Text Mining with Hybrid Clustering Schemes. Jacob Kogan, Charles Nicholas, and Vladimir Volkovich. (UMBC and ORT Braude Academic College)

9:30-10:00am

A Method for Hierarchical Clustering Based on Part-of-Speech Subspaces. Malu Castellanos and Jim Stinger. (Hewlett-Packard Lab)

10:00-10:30am

Break

Session II: Text Storage and Classification

10:30-11:00am

General Text Parser (GTP) with Network Storage. Svetlana Y. Mironova, Michael W. Berry, Micah Beck, and Scott Atchley. (University of Tennessee)

11:00-11:30am

Adapting Wrappers to Unseen Web Sites Based on Hybrid Text Classification. Wai Lam, Tak-Lam Wong, and Wei Wang. (The Chinese University of Hong Kong)

11:30-12:00pm

Text Classification using Support Vector Machines with Dimension Reduction. Hyunsoo Kim, Peg Howland, and Haesun Park. (University of Minnesota)

12:00-1:45pm

Lunch

Session III: Models for Information Extraction and Retrieval

1:45-2:15pm

A Supervised Learning Algorithm for the Discovery of Finite State Automata for Information Extraction from Textual Data. Tianhao Wu, Lars E. Holzman, William M. Pottenger, and Daniel J. Phelps. (Lehigh University and Eastman Kodak Company)

2:15-2:45pm

Distributed LSI: Scalable Concept-based Information Retrieval with High Semantic Resolution. Devasis Bassu and Clifford Behrens. (Telcordia Tech., Inc.)

2:45-3:15pm

Mining Concept Profiles with the Vector Model or Where on Earth are Diseases being Studied? Padmini Srinivasan and Micah Wedemeyer. (Univ. of Iowa)

3:15-3:45pm

Break

Session IV: Latent Semantic Indexing

3:45-4:15pm

Sparsification Strategies in Latent Semantic Indexing. Jing Gao and Jun Zhang. (University of Kentucky)

4:15-4:45pm

Dimensionality Reduction by Random Projection and Latent Semantic Indexing. Jessica Lin and Dimitrios Gunopulos. (University of California, Riverside)