The 3rd University of Michigan Workshop on Data Mining
Wednesday, April 18
Stamps Auditorium, North Campus
Agenda

9:00am to 9:10am - Michael Cafarella, CSE, Intro and Welcome

9:10am to 10:25am - Technical Talks 1
9:10am - 9:35am, Honglak Lee, CSE
   Scaling Up Representation Learning Algorithms for Large-Scale Data
9:35am - 10:00am, Qiaozhu Mei, School of Information
   “I Loan Because...” - Understanding Motivations for Pro-Social Lending
10:00am - 10:25am, H.V. Jagadish, CSE
   The Big Data Analysis Pipeline

10:25am to 10:40am - break

10:40am - 12:20pm Technical Talks 2
10:40am - 11:05am, Long Nguyen, Statistics
   Connecting the Dots: Learning Functional Clusters from Non-Functional Data
11:05am - 11:30am, Heather Carlson, Chemistry and Medicinal Chemistry
   Insights into Protein-Ligand Binding
11:30am - 11:55am, Alexander van Esbroeck, CSE
   Learning Topics from Physiological Time Series
11:55am - 12:20pm, Junkap Park, Mechanical Engineering
   Mining of Chemical Information in Journal Articles

12:20pm to 1:30pm - Lunch

1:30pm - 2:00pm - Brock Palen, CAEN
   Flux: A Flexible Campus Resource for HPC

2:00pm - 3:40pm - Technical Talks 3
2:00pm - 2:25pm, Stephen Smith, Ecology and Evolutionary Biology
   The Use and Abuse of Huge Phylogenetic Trees
2:25pm - 2:50pm, Jacob Goldsmith, Mechanical Engineering and CSE
   Identification of Metal Organic Frameworks in the CSD: A Structural Search Strategy
2:50pm - 3:15pm, Abe Gong, Political Science
   A Political Civil-o-meter: Crowdsourced and Automated Measurement of Constructive Discourse in Political Speech
3:15pm - 3:40pm, Amjad Abu Jbara, CSE
   Mining Multiple Viewpoints from Online Discussions

3:40pm to 4:00pm - Break

4:00pm to 5:00pm - CSE Distinguished Lecture: Professor Michael I. Jordan of U.C. Berkeley
   Statistics and Computation in the Age of Massive Data

Thanks to our sponsors: CSE, Yahoo!, and the Office of Research Cyberinfrastructure (ORCI)