

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

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