

Second Workshop on Data, Text, Web, and Social Network Mining
April 22, 2011
1670 CSE, 2260 Hayward St., Ann Arbor, MI

- **Morning Schedule**

- 8:30 am to 9:00 am - Continental Breakfast in Tishman Hall
- 9:00 am to 9:20 am - Intro and Welcome
- 9:20 am to 9:40 am - Qiaozhu Mei, School of Information, University of Michigan, *Towards the Next Generation of Search Engines for Electronic Health Records*
- 9:40 am to 10:00 am - Honglak Lee, Computer Science and Engineering, University of Michigan, *Unsupervised Learning of Sparse, Distributed, Convolutional Feature Representations*
- 10:00 am to 10:20 am. Yongqun “Oliver” He, Microbiology and Immunology, University of Michigan Medical School, *Ontology-Based Literature Mining*
- 10:20 am to 10:40 am - Péter Érdi, Center for Complex Systems Studies, Kalamazoo College, *Prediction of Emerging Technologies Based on Analysis of the U.S. Patent Citation Network*
- 10:40 am to 10:55 am - break
- 10:55 am to 11:15 am - Matthew O’Donnell, English Language Institute, University of Michigan, *VACNET: Extracting and Analyzing Non-Trivial Linguistic Structures at Scale*
- 11:15 am to 11:35 am - Jungkap Park, Mechanical Engineering, University of Michigan, *Text and Image-Based Recognition and Extraction of Molecular Information from Figures and Figure Captions*
- 11:35 am to 11:55 am - Raj Rao Nadakuditi, Electrical Engineering and Computer Science, University of Michigan, *New Twists on Eigen-Analysis (or Spectral) Learning*
- 11:55 am to 12:15 pm - Abe Gong, Gerald R. Ford School of Public Policy, University of Michigan, *An Automated Snowball Census of the Political Web*

- **Afternoon schedule**

- 12:15 pm to 1:15 pm - Lunch (Tishman Hall)
- 1:15 pm to 1:45 pm - Tutorial 1, Dragomir Radev, School of Information and Computer Science and Engineering, *Tools for Natural Language Processing and Text Mining*
- 1:45 pm to 2:15 pm - Tutorial 2, Eytan Adar, School of Information and Computer Science and Engineering, University of Michigan, *The Amazon Mechanical Turk for Big Data*
- 2:15 pm to 2:45 pm - Tutorial 3, Matt Simmons, School of Information, University of Michigan, *Using R*
- 2:50 pm to 3:10 pm - KP Unnikrishnan, Center for Computational Medicine and Bioinformatics, University of Michigan, *Network Discovery in Biology and Medicine through Data Mining*
- 3:10 pm to 3:30 pm - David Ostrowski, Ford Motor Research, *Networks*

- 3:30 pm to 4:00 pm - break and Poster Session (1st floor, CSE)
- 4:00 pm to 5:00 pm - Invited Speaker: Sharad Goel, Yahoo! Research, *Large-Scale Measurement of Human Behavior*
- 5:00 pm to 5:10 pm - Q&A
- 5:15 pm to 6:00 pm - Poster Session Continues (1st floor, CSE)