

Second U-M Workshop on Data, Text, Web, and Social Network Mining

April 22, 2011

AGENDA

Morning Schedule

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

Afternoon Schedule

- 12:15 – 1:15pm **Lunch** (Tishman Hall)
- 1:15 – 1:45pm Tutorial 1, **Dragomir Radev**, School of Information and Computer Science and Engineering, University of Michigan: *“Tools for Natural Language Processing and Text Mining”*
- 1:45 – 2:15pm Tutorial 2, **Eytan Adar**, School of Information and Computer Science and Engineering, University of Michigan: *“The Amazon Mechanical Turk for Big Data”*
- 2:15 – 2:45pm Tutorial 3, **Matt Simmons**, School of Information, University of Michigan: *“Using R”*
- 2:50 – 3:10pm **KP Unnikrishnan**, Center for Computational Medicine and Bioinformatics, University of Michigan: *“Network Discovery in Biology and Medicine through Data Mining”*
- 3:10 – 3:30pm **David Ostrowski**, Ford Motor Research: *“Predictive Semantic Social Media Analysis”*
- 3:30 – 4:00pm **Break and Poster Session** (1st floor, CSE)
- 4:00 – 5:00pm Invited Speaker: **Sharad Goel**, Yahoo! Research: *“Large-Scale Measurement of Human Behavior”*
- 5:00 – 5:10pm **Q&A**
- 5:15 – 6:00pm **Poster Session Continues** (1st floor, CSE)

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