Fall 2013 CS591 Data Mining Seminar Presentation Schedule

CS591-Han Seminar: Advanced Topics on Data Mining (Presentation Schedule: Fall 2013)

- Papers should be selected from this year or previous years’ conference proceedings or journals. We welcome tutorials and/or topic surveys related to the themes.

- Two students per unit (20 minutes presentation and 5 minutes discussion for each research paper, i.e., two papers will be covered per class unit). We can book one whole slot for you if you would like to present tutorials or surveys and need more time.

- Please book your time slot early. Also, please upload your papers and slides to be presented at least one day before its presentation!

- Please write down the presentation title, paper, venue info to help others to see what you will be presenting!

Week 1 (8/28/13): Two presentations

- Course Overview (5min): Prof. Han
- KDD 2013 Conference Report (~15min): Honglei, Shi (slides)
- Chi Wang (~40min): Discovery of topical hierarchies paper slides

Week 2 (9/4/13): Two presentations

- Honglei Zhuang: Overcoming Opacity in Social Network Analysis (slides)
- Xiang Ren: Joint intent learning on heterogeneous graphs slides

Week 3 (9/11/13): One presentation

- Yucheng Chen Introduction to PubMed and Related Systems Slides PubMed Survey

Week 4 (9/18/13): One presentation

- Xiao Yu: Learning to Rank tutorial slides

Week 5 (9/25/13): One presentation

- Sheng Wang slides

Week 6 (10/2/13): Two presentations

- Chao Zhang: Evaluating Geo-Social Influence in Location-Based Social Networks (Slides)
- Ahmed El-Kishky: A Space Efficient Streaming Algorithm for Triangle Counting Using the Birthday Paradox (paper)(slides)
Week 7 (10/9/13): One presentation

Quanquan Gu slides

Week 8 (10/16/13): Two presentations

Huan Gui No Country for Old Members: User lifecycle and linguistic change in online communities paper slides

Jingjing Wang Hierarchical structure and the prediction of missing links in networks paper slides

Week 9 (10/23/13): Two presentations

Yihan Gao GraphLab: Graph-based distributed computation framework slides

Tobias Lei GeoDeepDive: Statistical Inference using Familiar Data-Processing Languages(Demo) paper slides

Week 10 (10/30/13): One presentation

Lidan Wang Learning to efficiently rank slides

Week 11 (11/6/13): Two presentations

Jiaming Xu Fundamental Limits for Community Detection slides

Brandon Norick FISM: Factored Item Similarity Models for Top-N Recommender Systems paper slides

Week 12 (11/13/13): Two presentations

Chenguang Wang Semantic Relation Extraction and Its Applications slides

Jialu Liu: Penguins in Sweaters, or Serendipitous Entity Search on User-generated Content paper slides

Week 13 (11/20/13): Two presentations

George Brova Finding Related Tables paper

Fangbo Tao: Recovering Semantics of Tables on the Web paper slides


Week 15 (12/4/13): Two presentations

Min Li: Sentiment Analysis and its practice in Twitter Corpus (slides)

Yanglei Song: A survey on vector representation for words and its applications (slides)

Week 16 (12/11/13): Data Mining Group Summary Meeting