Fall 2010 CS591 Presentation Schedule

CS591 Han Seminar: Advanced Topics on Data Mining (Fall 2010 Presentation Schedule)

- Semester themes: (1) Information Network Analysis; and (2) data mining in cyberphysical systems

- Papers can be selected from this year or previous several year’s conference proceedings or journals. We welcome students who would like to present tutorials and/or writing topic survey articles related to this theme.

- 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).

Week 1 (8/26/10): Class organization and research plan presentation

- Introduction to our research group (new members and existing members’ self-introduction)
- Briefing on our group regular research and other activities
- Discussion of distribution of work in the new semester
- Report on interesting summer research and promising new research directions (volunteer based): Please contact Yintao and me to book for a maximum of 5 minutes slot (which means 5-6 slides maximal for your report):
  
  [Manish](#)
  [Tim](#)
  [Chi](#)

- Research Award ceremony and award distribution.

Week 2 (9/2/10):

- Yizhou: research in the summer [slides](#)
- Ming [Slides](#)
- Hyungsul
- Sang
- LuAn
- Peixiang
- Yintao

Week 3 (9/9/10):

Yintao Yu (short)
Zhijun Yin (short)
Yizhou Sun (short)
Xin Jin (short)

Week 4 (9/16/10): Two presentations

Ming Ji (regular) [Slides](#)
Quanquan Gu (regular) [Slides](#)

Week 5 (9/23/10): Two presentations

Jing Gao: On Community Outliers and their Efficient Detection in Information Networks, KDD’10. [Paper](#)

Cindy Xide Lin: Event Detection with Common User Interests, WIDM’08. [Paper](#)
Week 6 (9/30/10): Two presentations

VLDB report:
Zhenhui Li Slides
Peixiang Zhao Slides

Week 7 (10/7/10): Two presentations

Chi Wang Slides Paper
Tim Weninger Slides

Week 8 (10/14/10): Two presentations

Xiao Yu Slides
Manish Gupta Slides Paper

Week 9 (10/21/10): Two presentations

Xin Jin Paper Slides
Hyungsul Kim Slides Paper

Week 10 (10/28/10): Two presentations

Yintao Yu Paper Slides
Sangkyum Kim Paper Slides

Week 11 (11/4/10): Harry Shum’s visit

Week 12 (11/11/10): Two presentations

Lu-An Tang Tru-Alarm: Trustworthiness Analysis of Sensor Networks in Cyber-Physical Systems Slides
Yizhou Sun: Predicting Positive and Negative Links in Online Social Networks by J. Leskovec, D. Huttenlocher, J. Kleinberg, WWW'10. Slides

Week 13 (11/18/10): Two presentations

Zhijun Yin Earthquake Shakes Twitter Users: Real-time Event Detection by Social Sensors Paper Slides
Nikita Spirin, The Paths More Taken: Matching DOM Trees to Search Logs for Accurate Webpage Clustering by Deepayan Chakrabarti and Rupesh R. Mehta Paper Slides

Week 14 (11/25/10): No presentation: Thanksgiving break

Week 15 (12/2/10): Two presentations

Hongbo Deng
Seungil Huh, Stephen E. Fienberg: Discriminative topic modeling based on manifold learning. KDD 2010: 653-662 paper slides
Bo Zhao
Freddy Chong Tat Chua, Ee-Peng Lim: Trust network inference for online rating data using generative models. KDD 2010. paper slides

Week 15 (12/9/10): No presentation: Group semester summary report