CS533: Information Retrieval Systems
Assignment No. 2
February 20, 2014
Due dates: March 1-2 (for informing your choices)
March 12 (for presentations)

8-minute presentation assignment.

Pick a paper from the list given in the list given below taken from the ACM Digital Library: The most frequently cited top 10 papers of the ACM SIGIR Conference.

1) Prepare a 8-minute in class presentation using power point. Such short presentations are used in some CS conferences.

2) Make it available on the Web also bring it to the class in a memory stick.

3) You must prepare handout (e.g., a poster on A4 paper) and give it to your classmates at the beginning of your presentation.

4) Only provide the most essential parts of the paper.

5) Most importantly make us understand the intuition behind it, and its significance. There will be two students in each presentation group, hence there will be (11/2)= 5 groups and in one of the groups there are 3 students. It will take one class period: 5 x 8 + 10 minutes for transitions= 50 minutes. The groups are the following (formed from the alphabetically ordered class list):

1) M. Ali Abbasoğlu - G. Ece Bıçakçı
2) Neslihan Bulut - M. Can Çavdar
3) M. Emre Nevayeshirazi - Hamed Rezanejad Asl-bonab
4) S. Emre Solmaz - Devrim Şahin
5) Semih Şahin - Abdurrahman Yaşar - Tolga Yılmaz.

6) I will bring a chronometer and stop each presentation when the allocated time expires.

7) With your votes we will pick the best presentation. You can only vote for one group. No two groups can present the same paper. (Please do not pick no. 4, 24, 33, 46 since we may cover them in our course in other ways.)

8) Please send me an email with the subject line "CS533 8-minute presentation" indicate your group members, and your ranked top-3 preferences. Email me your preferences between March 1 (beginning at 0:00 hours) March 2 (ending at 23:59 hours). I will assign the paper according to FCFS policy and planning to announce the paper assignments on March 3.

The most frequently cited top 10 papers in ACM SIGIR Conferences:

1. Probabilistic latent semantic indexing - 1999 Thomas Hofmann Cited 758 times

2. A language modeling approach to information retrieval - 1998 Jay M. Ponte, W. Bruce Croft Cited 721 times

3. A re-examination of text categorization methods - 1999 Yiming Yang, Xin Liu Cited 620 times

4. An algorithmic framework for performing collaborative filtering - 1999 Jonathan L. Herlocker, Joseph A. Konstan, Al Borchers, John Riedl Cited 559 times

5. The use of MMR, diversity-based reranking for reordering documents and producing summaries - 1998 Jaime Carbonell, Jade Goldstein Cited 469 times

6. A study of smoothing methods for language models applied to Ad Hoc information retrieval - 2001 Chengxiang Zhai, John Lafferty Cited 441 times

7. Relevance based language models - 2001 Victor Lavrenko, W. Bruce Croft Cited 424 times

8. Scatter/Gather: a cluster-based approach to browsing large document collections - 1992 Douglass R. Cutting, David R. Karger, Jan O. Pedersen, John W. Tukey Cited 421 times

9. Query expansion using local and global document analysis - 1996 Jinxi Xu, W. Bruce Croft Cited 408 times

10. IR evaluation methods for retrieving highly relevant documents - 2000 Kalervo Järvelin, Jaana Kekäläinen Cited 371 times