## Schedule

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<th>Day</th>
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<td>Jan 22</td>
<td>Class Overview</td>
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| Jan 29 | **Main paper:** Greenberg & Buxton (2008). Usability Evaluation Considered Harmful  
**Other resources:**  
Zhai, S. (2003). Evaluation is the worst form of HCI research except all those other forms that have been tried.  
This paper is appropriated from a more traditional social science literature to (hopefully) shed some light on the discussion. The selection of this paper is apparently decontextualized, as the subject matters and arguments are quite different from Greenberg & Buxton (2008). I was trying to locate a paper discussing the intellectual roots of quantitative/qualitative methods from a more general, methodological point of view. The paper might not be the best one for the purpose, but the discussion on measurement validity appears to reveal a more sophisticated face of empirical methods. Maybe what could hinder HCI design is not quantitative usability evaluation, but inappropriately practiced methods and analyses.  
| Feb 5 | **Topic:** Energy Efficiency and UI design  
**Context Paper:** Mark Weiser. Some computer science issues in ubiquitous computing. Communications of the ACM, v.36 n.7, p.75-84, July 1993  
Text (searchable) version | Blazej Kot |
| Feb 12 | **Topic:** Sustainable Technologies  
**Other Resources:**  
Feb 19  Topic: **Online Communities**

**Main paper:**


**Foundational Work:**


**Reading For Fun:**

Lento, Thomas, Howard T. Welser, Lei Gu, and Marc Smith. 2006. "The ties that blog: Examining the relationship between social ties and continued participation in the Wallop weblogging system" WWW Third Annual Workshop on the Weblogging Ecosystem, Edinburgh, Ireland. [Link](#)


Vladimir Barash

Feb 26  Topic: **Tangible User Interfaces**

**Main Paper:**


**Foundation Work:**


Hyunyoung Song

Mar 5  Topic: **Supporting Electronic Reading**

**Main Paper:**

Marshall, C., Reading and Interactivity in the Digital Library: Creating an experience that transcends paper. In Proc. of the CLIR/Kanazawa Institute of Technology Roundtable, (Kanazawa, Japan, July 3-) 2003, 5.4.1-20. [Link](#)

**Historical Perspective:**


Nicholas Chen

Mar 12  Topic: **Managing Bias in Information Retrieval Applications in the Social Sciences**

**Main Paper:**

Daniel Hopkins and Gary King, A Method of Automated Nonparametric Content Analysis for Social Science

**Other Reading:**

The Hopkins and King paper is based on the viewpoint in Hand (2006). The alternative viewpoint is Breiman (2001). The two competing viewpoints have formed a running theme in machine learning research.


In 2008, I (along with co-authors) tested the Hopkins and King software against a typical SVM classifier that we use. Computer Assisted Topic Classification For Mixed Method Social Science Research by Hillard, Purpura, and Wilkerson

Later in 2008, Claire Cardie worked on a special issue with authors from across the social sciences. The methods employed are more similar to Breiman than hand.

The Journal of Information Technology and Politics, Special Edition, Volume 5, Number 1. Edited by Claire Cardie and John Wilkerson

Stephen Purpura

Mar 19  Spring Break
Mar 26

Topic: Growing pains

Main Paper:

Other Readings:
Harrison, Tatar and Sengers. "The Three Paradigms of HCI"
Card, English, and Burr: "Evaluation of mouse, rate-controlled isometric joystick, step keys, and text keys for text selection on a CRT." [A scan off this paper can be found on the Reference Material page. You will need to be logged in to access it]

Heðinn Brynjarsdóttir

April 2

Topic: Persuasive Technology & Health

Main Paper:

Background Readings:
The depth of Fogg's work is often questioned, but he provides excellent summaries of theory and technique in the area of Persuasive Technology. His CHI paper should provide you with terminology and context. His book is available on google books and is a very interesting, albeit light read worthy of skimming to see if you have further interest.
Fogg, B.J. Persuasive Technology

JP

April 9

Topic: Interactive Public Displays

Main Paper

Other Readings:
Greenberg, S. and Rounding, M. (2001). The notification collage: posting information to public and personal displays. Proceedings of CHI'01, p. 514 - 521. This paper has been cited extensively in this design space.

Julie

April 16

Topic: Places and Spaces

Main Paper

Other Readings:

Hrónn Brynjarsdóttir

April 23

CHI'09 review
Koh, S., Kuo, A., Lauterbach, D., Lieberman, N., and McVittie (2009). Treasure Hunter: A system to increase the reuse of local used goods. (CHI Student design competition) (Jenna)
Akers, D., Simpson, M., Jeffries, R., and Winograd, T. 2009. Undo and erase events as indicators of usability problems.. In proceedings of CHI'09, pp. 659-668. (Hyunyoung Song)

Do not forget to complete the class evaluation survey. Thanks.

Hrónn Brynjarsdóttir