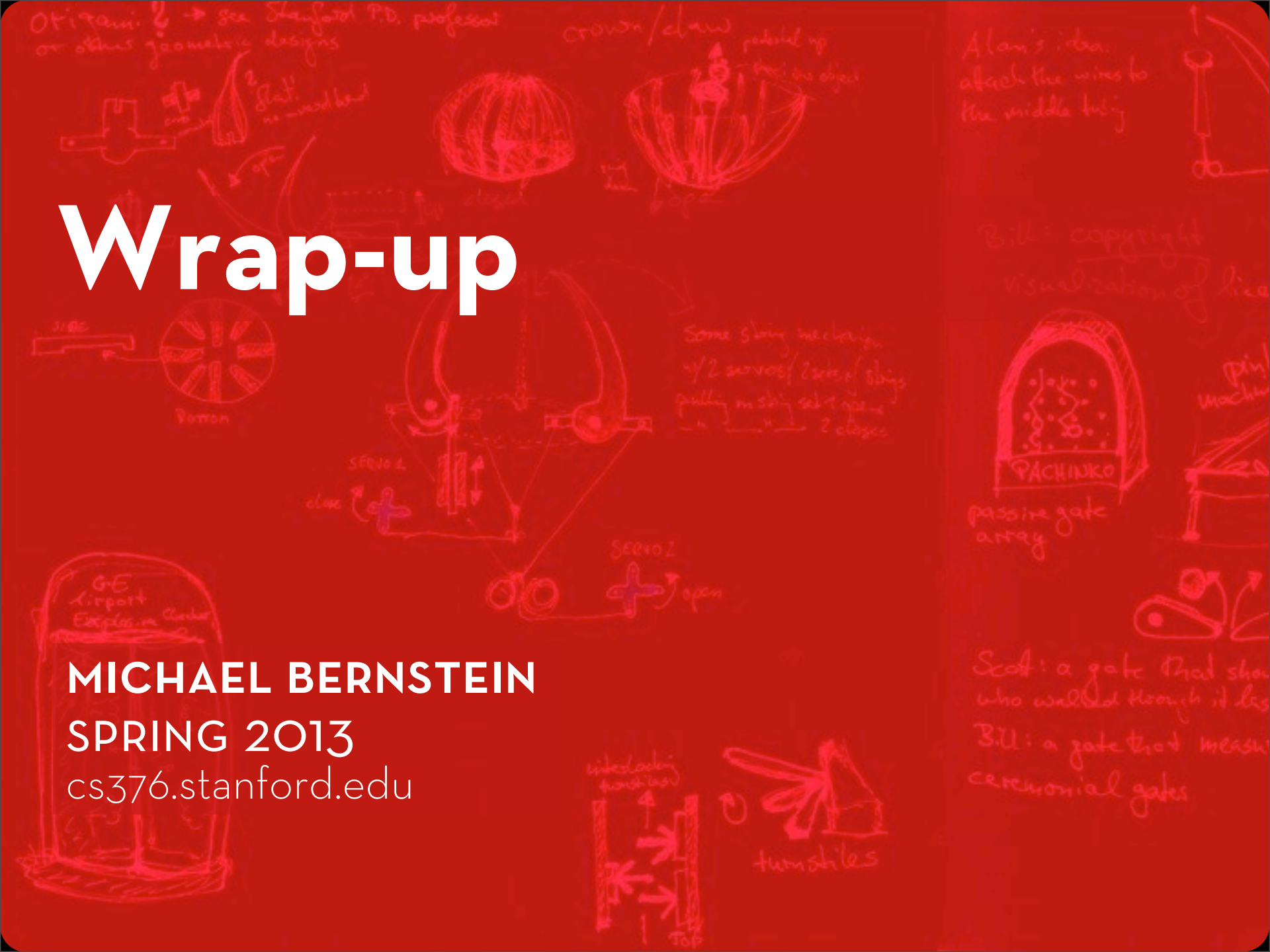
Wrap-up

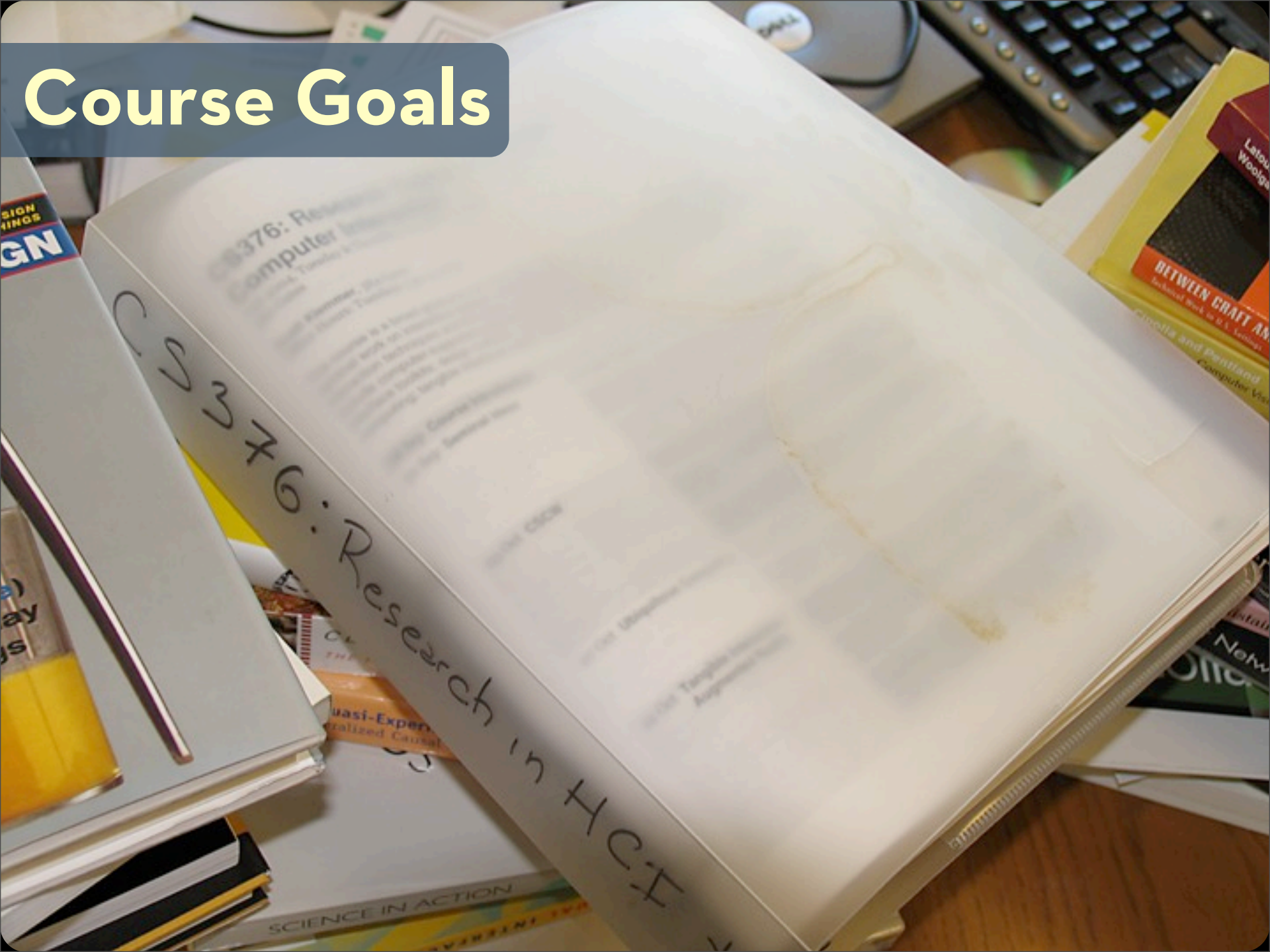


MICHAEL BERNSTEIN

SPRING 2013

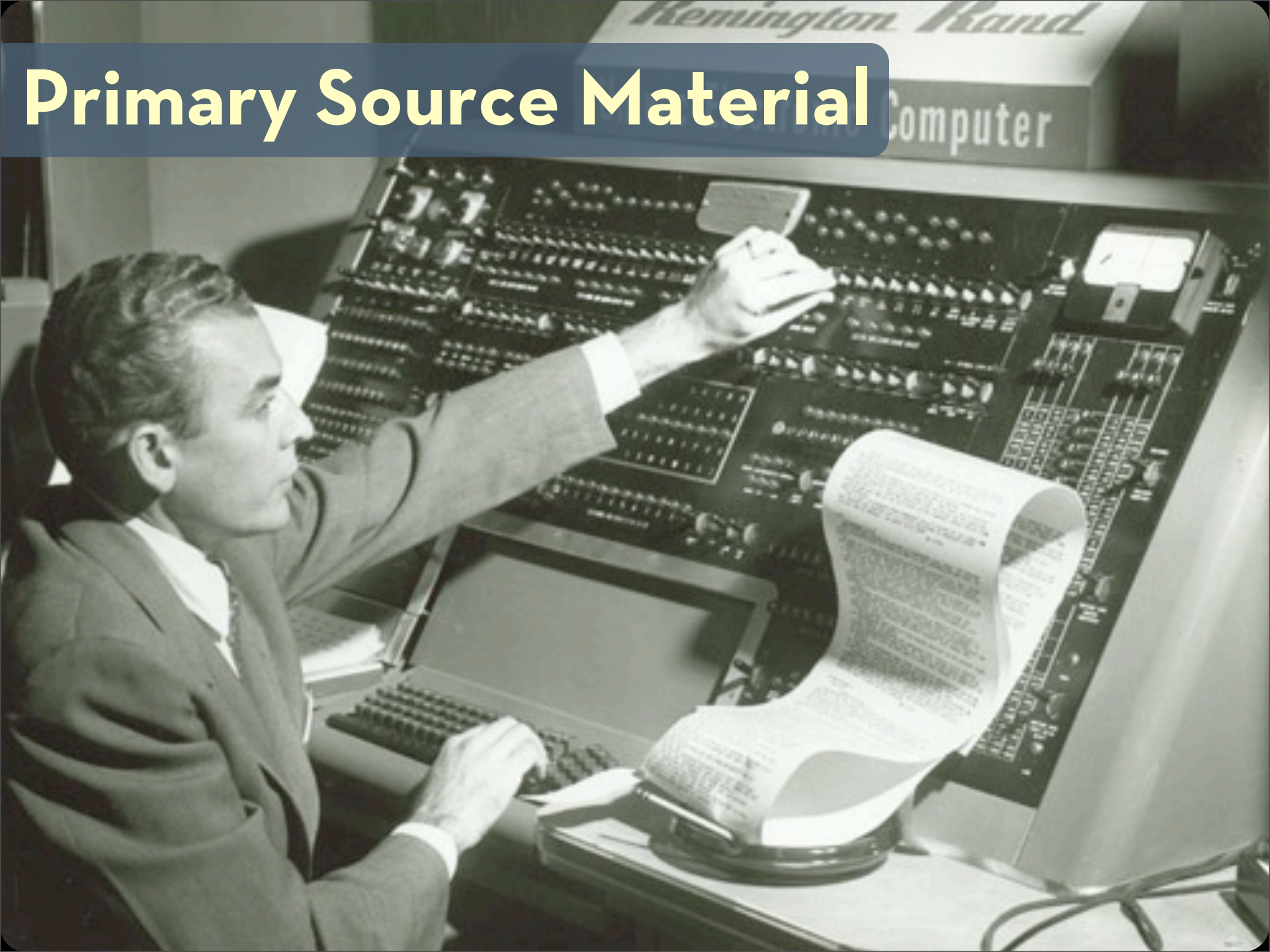
cs376.stanford.edu

Course Goals



Contributions to HCI

Primary Source Material



Literature Index

Research Methods


reading
doing

Writing
Technical Presentation
Critical Thinking

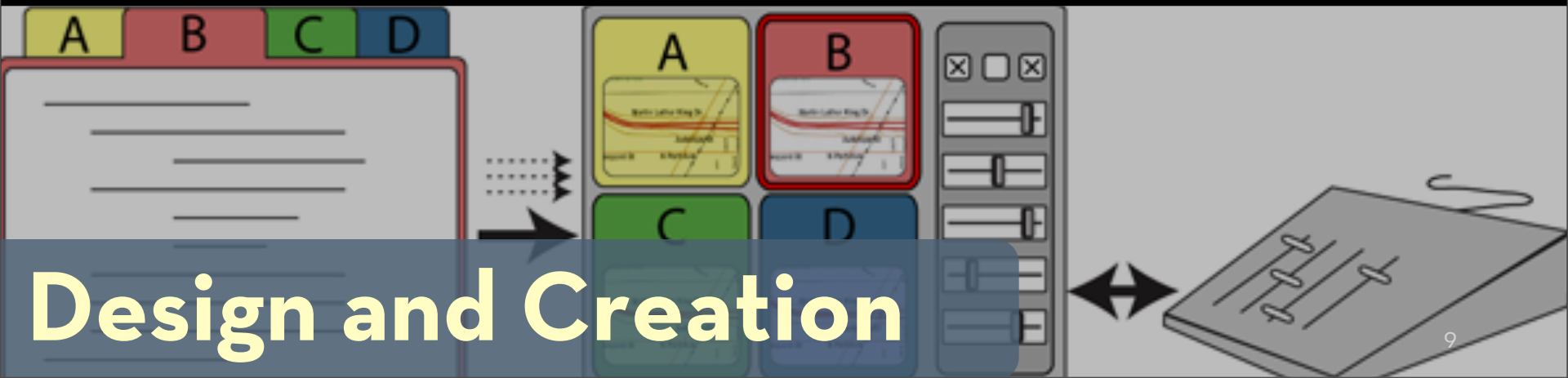
Ubiquitous Computing

Ubiquitous Computing

Social Computing

Ubiquitous Computing

Social Computing



Design and Creation

research	methods	global citizenship
models	programming	collaboration
intelligent user interfaces	visualization	attention

Missing: Computer for the 21st century, Skinput, Evidence-based social design, Soylent

The exact average UIST paper

[Eigenauthors: Hudson, Balakrishnan, Myers, Feiner, Hinckley]

History repeats itself: computer science research continuously reinvents past work.

The exact average UIST paper

[Eigenauthors: Hudson, Balakrishnan, Myers, Feiner, Hinckley]

History repeats itself: computer science research continuously reinvents past work.

Thus, to predict the future of UIST, we trained an n-gram language model on twenty years of previous UIST abstracts.

The exact average UIST paper

[Eigenauthors: Hudson, Balakrishnan, Myers, Feiner, Hinckley]

History repeats itself: computer science research continuously reinvents past work.

Thus, to predict the future of UIST, we trained an n-gram language model on twenty years of previous UIST abstracts.

We present the machine-generated exact average UIST paper, with small edits made for clarity and maximum humor...

The exact average UIST paper

[Eigenauthors: Hudson, Balakrishnan, Myers, Feiner, Hinckley]

Edgewrite is a big problem in current handheld browsing: we describe some common problems experienced by users that are hit.

The exact average UIST paper

[Eigenauthors: Hudson, Balakrishnan, Myers, Feiner, Hinckley]

Edgewrite is a big problem in current handheld browsing: we describe some common problems experienced by users that are hit.

We describe the architecture we have implemented and deduce a general framework that provides on-demand, persistent prototype applications.

The exact average UIST paper

[Eigenauthors: Hudson, Balakrishnan, Myers, Feiner, Hinckley]

We discuss how people-tagging is a low-cost off-the-shelf electroencephalograph (EEG) system.

The exact average UIST paper

[Eigenauthors: Hudson, Balakrishnan, Myers, Feiner, Hinckley]

We discuss how people-tagging is a low-cost off-the-shelf electroencephalograph (EEG) system.

We hope to challenge the audience to creatively consider ways that would otherwise result in small thumbnails that are placed away from systematic noise sources which can identify 100% of dishwasher usage.

The exact average UIST paper

[Eigenauthors: Hudson, Balakrishnan, Myers, Feiner, Hinckley]

Unlike previous work, we present examples that represent the structure of toolkits.

The exact average UIST paper

[Eigenauthors: Hudson, Balakrishnan, Myers, Feiner, Hinckley]

Unlike previous work, we present examples that represent the structure of toolkits.

The user glances at the possibilities of olfactory output devices: ubiquitous computing environments need to work together.

The exact average UIST paper

[Eigenauthors: Hudson, Balakrishnan, Myers, Feiner, Hinckley]

The result in a user study shows that after the stimulus, the location of the user responds to an automatic graph layout system.

The exact average UIST paper

[Eigenauthors: Hudson, Balakrishnan, Myers, Feiner, Hinckley]

The result in a user study shows that after the stimulus, the location of the user responds to an automatic graph layout system.

Finally, we introduce three new interaction techniques.

Feedback?

Bravo!