Sensing in Social Spaces
http://courses.engr.illinois.edu/cs598tar/

Tarek Abdelzaher
Dept. of Computer Science
University of Illinois at Urbana Champaign

Logistics

- **Instructor**
  Tarek Abdelzaher, 4126 Siebel Center, Tel: 265-6793
  Office Hours: Monday, 10-11am, 4126 Siebel Center
- zaher@illinois.edu
A Little About Me

- Ph.D. in QoS Adaptation in Real-Time Systems, Department of Computer Science, University of Michigan, 1999.
- 1999-2005: Assistant Professor, Department of Computer Science, University of Virginia.
- 2005-present: Professor, Department of Computer Science, University of Illinois at Urbana Champaign
- Research Interests: Cyber-Physical Systems, Sensor Networks, Sensing in Social Spaces

Where and When

- Lecture Times
  Tuesdays/Thursdays, 9:30 – 11:45am, 1109 Siebel Center
Grading

- Participation: 10%
  - Assigned for individuals' class participation, and discussion of papers
- Paper critique: 10%
  - Assigned for requested group summaries of selected papers/topics covered
    (roughly 1 per week - not all weeks)
- Mid-semester presentation: 5%
  - Assigned for an in-class group presentation
- Final project presentation: 5%
- Midterm (applications questionnaire): 10%
  - Assigned for an open-book take-home midterm
- Final (foundations and challenges questionnaire): 10%
  - Assigned for an open-book take-home final.
- Project: 50%
  - Determined by a group course project.

Readings

- First week, no papers assigned.
- Starting next week
  - Papers will be posted on website (2-4 papers per week)
  - Critique will be due for roughly one paper per week (identified in red on website)
Collaborative Projects
(2-3 people per group)

- Project title, abstract, and member list is due September 17th
- A periodic 20-min meeting (twice a month) to discuss progress and problems on their project of interest.
- 2-page project proposal by October 1st.
- Work-in-progress project presentation, November 3rd – 10th.
- Final project presentation on “Research Day” – end of semester.
- Final project report due the week of finals. The report follows the standard technical paper format.
- Successful projects should result in a conference-quality paper.

Schedule

- See Website:
  http://courses.engr.illinois.edu/cs598tar/