

Administrative Summary

CS51: Computer Networks
SP2006 Heidemann Section
John Heidemann

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Who's Who

- Professor: **John Heidemann**
 - johnh@isi.edu
 - office hours: Tuesday 10am-11am; Thursday 1pm-2pm
 - SAL 234, telephone: (213) 740-4776
- TA: **Genevieve Bartlett**
 - gbartlett@usc.edu
 - office hours: Thursday 3-5pm
 - Location tbd (maybe SAL 211), telephone: tbd (maybe (213) 740-4508)
- Grader: **Muhammad Murtaza**
- Camera operator: **Venus**

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Sections and Professors

- there are two sections: Mon/Wed, taught by Dr. Ramesh Govindan; and Thu morning (this one)
 - you can *ask* Jessica to switch sections, but there's only so much she can do
 - if you have a friend and want to swap, that's easier
- Professors and sections
 - all have use the same core material, but each has own research focus
 - me: sensor networks
 - Christos Papadopoulos: multicast, routing
 - Ramesh Govindan: sensor nets, topology
 - Bill Cheng: performance analysis

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Getting In

- placement exams
 - you all passed them already (right?)
 - (if not, see you next semester)
- D-Clearance
 - see *Jessica Sprague* (CS Dept office)
 - not *me*, or the *TA*, or your *mom*...
- Remote students: please e-mail me

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What's What (Resources)

- **web page:**
<http://www.isi.edu/~johnh/WORK/CS551/SP2006/>
 - (or just go to ~johnh and click on CS51)
 - or go to the CS list of courses
- **wiki page**
<http://wiki.isi.edu/csci551/>
 - the wiki page will be the *primary* location of class information
 - requires an account to log in
 - must *register* to get an account, see the web page to register

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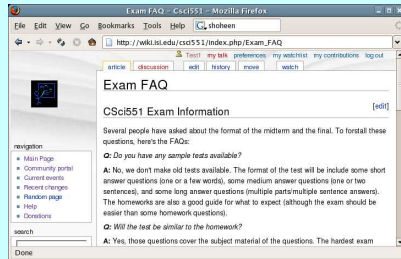
What's a Wiki

- a wiki is an editable web page
 - see <http://wikipedia.org> for more than a million pages of an encyclopedia in many languages!
- we're using it in class so you can comment
 - about the class information
 - about the assignments
 - about the papers
 - *just edit the page, or its talk page*
- editing permissions
 - all edits are logged as to who does them
 - so go ahead and change other people's text, but know that you're responsible for it
 - and you can watch who changes your text
 - pages critical to class (like the assignment due dates!) are locked
 - let the professor know if you see something that should be locked that isn't

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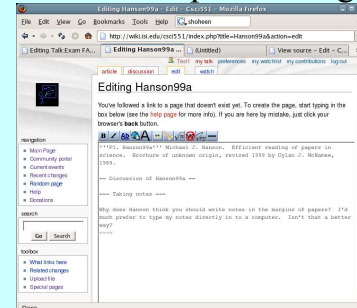
Wiki Example: Viewing



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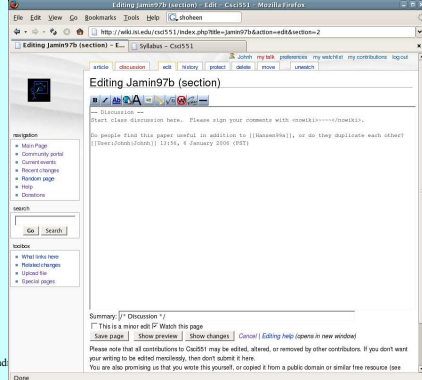
Wiki Example: Editing



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Wiki: Commenting on a Paper



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Mailing List

- mailing list:
 - csci551-talk@isi.edu
 - for subscription details, see *Administrative Info* [on web]
 - strongly encourage students to subscribe, especially remote students
- good for questions, and will be used for urgent announcements

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Instant Messaging

- as an experiment, I'm trying out instant messaging in class
- I use *jabber*, an open protocol
 - not AOL or MSN or Yahoo
 - allows anyone to write or run a server
 - see www.jabber.org for pointers
- me: csci551@jabber.isi.edu
- will hopefully take questions
 - when I'm logged in (during office hours and some other times)
 - during class, as much as possible
 - this is perhaps a good way for remote students to be interactive

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What Next? Things to Read

- watch the course wiki page for updates
- *administrative information*
- *syllabus*
- and of course *all the papers*
 - three inches thick, printed double-sided

I expect you to get them, print them, and read them.

ALSO: fill out the web info form *today*!

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Getting Papers

- download all papers from the wiki syllabus
 - therefore you must have registered and gotten your wiki account



Admin Highlights

- Much more detail on *admin info web page*
- Grading policy:
 - 25% midterm, 35% final
 - 18% homework, 22% programming projects
- Late policy:
 - 25% off for each 24 hours late, rounded up
 - ⇒ this is graduate school, don't mess around
 - but you get *one*, 1-day exemption (e-mail TA & cc me)
- No make-up exams or assignments, no extra credit

Assignment Submission

- homeworks:
 - formats: ASCII (strongly preferred), PDF, PostScript, HTML
 - *non-formats*: MS-Word or other proprietary programs, raw LaTeX, etc.
- homeworks and programs:
 - will mostly use the *submit* program on aludra
 - details will follow (see TA web page)

Academic Integrity

- plagiarism is taken **very seriously**
 - ***F for the course***
 - (homework, program, exam, etc.)
 - **last year I failed 11 people for plagiarism**
- for homeworks, you can discuss general ideas, but every answer must be done separately and in your own words
- programs will be automatically checked
- **any questions?** Ask me
 - **“I didn't know” is not acceptable—this is grad school, not high school**

Class Structure

- Lectures based on papers
 - lectures should be interactive
 - little use of textbook
 - ⇒ you need to have read papers
 - ⇒ you have to *interpret* the papers
- What to look for?
 - next topic: see [Hanson99a], [Jamin97b], [Levin89a]

Homework Structure

- homeworks
 - some written questions, like the exams
 - some simulation assignments (using ns-2)
 - hopefully give some insight
- programming projects
 - larger assignments
 - sockets, multiple processes, etc.
 - sort of like the real world
 - hopefully give some *practical* insight

Exams

- all at USC
 - except for *some very remote* remote students—
please e-mail me if you think this applies to you
 - no make up dates (so plan ahead)

Course Content Credit

- Slides and course content have evolved over many years, with contributions from:
 - Deborah Estrin
 - Ramesh Govindan
 - Christos Papadopoulos
 - now me :-)