Survey Overview

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What is a Survey

- A mini-lecture that introduces a topic in wireless networking to a knowledgeable audience
  - Students who have taken this course
- A typical survey includes:
  - Introduction of what the technology is about, possible impact, challenges to overcome, …
  - Based on the three research papers, an overview of interesting capabilities and technologies
  - A (subjective) assessment of the state of the area and paper contributions
- A survey is not …
  - A summary of the three papers
  - A description of claims, implementations, ….

Survey details

- Surveys are done by teams of two students
  - Both students are expected to work on the slides and to present
  - The presentation should be 20 minutes
- The handout has a list of topics with papers for each topic
  - You can propose to replace a paper but you need to get approval
- You can define your own survey
  - You pick the topic and the three papers
  - I have to approve the topic and papers
  - I need the papers at least three weeks before your survey so you have time to look for other papers if needed

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Classes of Topics

- Wireless technologies: wireless technologies or application domains that not (or minimally) covered in class
- Wireless rules: lower level topics closer to the PHY
- Classic topics: a bit dates but interesting ideas

- I will be replacing some of the papers but the papers listed should help you decide what topic to pick