Administrative Info

Daniele Puccinelli

daniele.puccinelli@supsi.ch

http://web.dti.supsi.ch/~puccinelli

Basics of Wireless Sensor Networking
- What they are
- What you can use them for
- Why it's hard to work with them

Specific Focus: Communication Protocols
- If nodes can't talk to each other, nothing can happen
- Communication is needed across the app spectrum
- Communication drives energy consumption

Highly Interactive Lectures
- Don't be shy and do ask questions
- If you don't, I will

Reading Assignments
- Get the basics in class, then read away the papers

Hands-on Activities
- First I show you how things work...
- ...and then you try them out on your own

- 6 points
- Opportunities for extra credit (indicatively 2 points)
- Binary grading policy (pass/fail)

You will be evaluated based on:
- Participation
- Reading Assignments
- Workshop: presentations and Q&A
- Project: hands-on

- Look at the Reading List

- Pick a paper

- Avoid conflicts (conflict resolution is your responsibility)

- Read your paper
- Prepare a 15' presentation with slides
        (as if you were going to a conference)
- Prepare at least one question for all other papers

- Show up on 12/16

- Programming assignments

- Two flavors: fun-oriented and research-oriented

- Fun-oriented

Creative Sensing App

Lunch WSN

Temperature WSN

- Research-oriented

Extension of a well-known paper