CS 3551
Data Management on the Cloud
Prof. Panos K. Chrysanthis
Prof. Alexandros Labrinidis
Fall Term 2010 (11-1 or 2111)

Logistics
- When: Tue & Thu 1:00-2:15pm (regular)
  Fri 10:00am – 2:00 pm (make-up)
- Where: 5313 6516 SENSQ
- What:
  - Project-oriented investigation
  - Study state of the art-papers

Goals
- Understand the state-of-the-art in data management on cloud infrastructures
- Discover unsolved problems and challenges
- Learn (practice) how to give a good presentation
- Learn (practice) how to review papers
- Learn (practice) how to write a good technical paper
- Produce a publishable paper

Course Requirements
- Participation: 20%
- Presentations: 25%
- Paper Reviews: 15%
- Term Project & Report: 40%
Administrative

- web page:
  http://db.cs.pitt.edu/courses/cs3551/fall2010
  – check often!
- use keyword cs3551 in all emails to instructor
  (as part of the subject line)
- class mailing list: You would be signed up.

Course Structure

1. Each group (group of 2 students is permitted) will
   - Select papers from the bibliography or come with alternative list of papers
   - Present the papers (1-2 talks)
2. Each group will
   - Execute a project
   - Do a project presentation at the end of each month and at the end of the term
   - Write a project report

Preparation of your Talk

- Reading: Read the papers but read others as well:
  – Citers and Cited, follow-ups by the same author, etc.
- Assume that the average reader has understood the easiest 2/3 of the paper.
- You, the expert on the papers, need to supply the rest.

Talk Outline

- Categorize issues and solutions in your topic
  – those that are unique to the new environments and systems
  – those that are shared with any distributed system
- Broad-brush sketch of important results
  – give outline of talk in this context
- Postpone discussion of things you are going to treat in detail later
- Details of 2-3 chosen issues/solutions
- Summary of solved problems, unsolved problems, non-problems
  ➢ A peek into your paper & project ideas
## Topics & Projects

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