Course Syllabus

- CMPSCI 691D: Hot Topics in Operating Systems
- **Instructor:** Prashant Shenoy
  - Email: shenoy@cs.umass.edu, Phone: (413) 577 0850
  - Office hours: Thursday 1:30-2:30, CS 336, or by appt
- **Teaching Asst:** None
- **Course web page:**
  http://lass.cs.umass.edu/~shenoy/courses/fall07
Course Details

- **Textbook**: Reading list of papers available online
- **Grading**
  - Present papers, scribe, reviews - 50%
  - Course project - 50%
- **Course mailing list**: cs691d@cs.umass.edu
  - You need to add yourself to this list!
- **Pre-requisites**
  - Familiarity with basic concepts in OS, distr. Sys, networking
  - *Good* programming skills in a high-level prog. language

Policies

- **Cellphone policy**
  - cell phones should be turned off - no exceptions
- **Slides**
  - You can use slides from author’s web pages
    - It is your responsibility to understand the material on the slides
  - Generally better to make your own slides (improve your presentation skills)
- **Projects**: can be group project or individual project
Course Topics

• Virtualization
  – What? - Introductory papers
  – Migration, monitoring..
• Data centers:
  – Resource management, monitoring, analysis
• Flash storage
  – Server-based flash drives
• Self-* Systems
• Others:
  – Language-based approaches for robust system design
  – <your favorite topic here>