Teaching Schedule

- Tuesday: 12-1.00pm
- Thursday: 4.15-5.30pm
- Venue: Theater 1
Schedule...

- **Aug: Cluster Computing**
  - Week 1: Cluster Computing: architecture
  - Week 2: Cluster networks + communication
  - Week 3: Cluster Resource Management and Scheduling
  - Week 4: Discussion on Term paper

- **Sept: -- Parallel Programming + writing some Toy applications**
  - Week 1: MPI (message passing interface) Programming
  - Week 2: MPI Programming
  - Week 3: MPI Programming + Toy App. Development
    - Multithreading
  - Week 4: Term Paper presentation and Submission
Schedule – Grid Computing

- **Oct: Grid + Project**
  - Week 1: Grid architecture...
    - Also: Project Discussion…
  - Week 2: Grid security and Information Services
  - Week 3: Resource Management + Project Discussion
  - Week 4: Scheduling
Schedule: Grid Computing

- November 1st week
  - review
  - Grid Project
    - Reporting
    - Presentation

- Nov.: Week 2 onwards exams...
Grading..

- Term Paper: 10%
- MPI Programming: 10%
- Project: 30%
- Exam: 50%
Preparatory Reading + Programming

- **Socket Programming**
  - Prog1: client: “add 1 2”
  - Prog2: Server: add, sub, mul, div
- **Multithreading:**
  - Intro
  - Apply “Multithreading” to Prog2
- **Client/Server Programming**