

Teaching Schedule

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

Schedule...

- Aug: Cluster Computing
 - Week1: Cluster Computing: architecture
 - Week2: Cluster networks + communication
 - Week3: Cluster Resource Management and Scheduling
 - Week4: Discussion on Term paper
- Sept: -- Parallel Programming + writing some Toy applications
 - Week1: MPI (message passing interface) Programming
 - Week2: MPI Programming
 - Week3: MPI Programming + Toy App. Development
 - Multithreading
 - Week4: Term Paper presentation and Submission

Schedule – Grid Computing

- Oct: Grid + Project
 - Week1: Grid architecture..
 - Also: Project Discussion...
 - Week2: Grid security and Information Services
 - Week3: Resource Management + Project Discussion
 - Week4: 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**