

Computer Systems Architecture II

Chip-Multiprocessors: Applications and Architectures

CSE 561M

Prof. Patrick Crowley

Plan for Today

- Announcements
 - Tuesday, ONL help session
 - Today is our final in-class discussion of milestone reports
- Questions
- Paper presentations reminder
- Today's discussion

Paper Presentations

- Each paper discussion will involve
 - A 15-minute **group** presentation
 - Summarize the paper's content and contributions
 - Relate it to your project (e.g., what if you had targeted that system for your project rather than the IXP?)
 - All group members should contribute
 - A 15 minute follow-up lecture
- Each group has an assigned paper & date
- Submit presentation via email by 2pm that day

Project Logistics

- Weekly Milestones
 - Milestone report due each week
 - Submit proposal Feb 26
 - Final presentation May 1

Project Milestones

<i>M0</i>	<i>Feb 26</i>	<i>Project Proposal</i>
<i>M1</i>	<i>Mar 4</i>	<i>Design</i>
<i>M2</i>	<i>Mar 18</i>	<i>Implementation 1</i>
<i>M3</i>	<i>Mar 25</i>	<i>Implementation 2</i>
<i>M4</i>	<i>Apr 1</i>	<i>Implementation 3</i>
<i>M5</i>	<i>Apr 8</i>	<i>Implementation 4</i>
<i>M6</i>	<i>Apr 15</i>	<i>Wrap-up, Prepare reports</i>
<i>M7</i>	<i>Apr 24</i>	<i>Reports & code due via email</i>
<i>M8</i>	<i>May 1</i>	<i>Presentations/Last meeting</i>

- Focus this week:
Implementation

Project Teams & Clusters

- Cluster 1
 - Eitan Marder-Eppstein, Stu Glaser
 - Erik Church, Paul Sebert
- Cluster 2
 - Joe Clinch, Rich Hill
 - Steve Prochazka, Mark Dunn
- Cluster 3
 - Steve Nann
 - Tam Vu Ngoc
 - Dan Vianello
- Cluster 4
 - Mart Haitjema, Ritun Patney
 - Shakir James

Order: 1,4,2,3

Milestone Reports

1. Did you meet Milestone N ?
 - a. If yes, congratulations! Include any report material created (design documents, etc).
 - b. If no, why not? How can this be corrected in the schedule and avoided in the future?

2. Are you ready to tackle Milestone $N+1$?
 - a. What tasks must be completed?
 - b. Do you foresee any problems or delays?

3. Are you on track to complete the project?
 - a. Do you need to adjust scope or work habits?
 - b. Explain any other concerns.

Objective

- Milestone reports

Assignment

- Tuesday
 - Milestone 5: Implementation 4
 - Use the template in this presentation and post your milestone report to the newsgroup. Bring a hardcopy to class.
- Thursday (submit PPT by 2pm)
 - Wulf and Harbison's Reflections in a Pool of Processors/An Experience Report on C.mmp/Hydra
 - Presenters: Erik Church, Paul Sebert
 - Seitz's The Cosmic Cube
 - Presenters: Joe Clinch, Rich Hill
 - Dean and Ghemawat's MapReduce: Simplified Data Processing on Large Clusters
 - Presenters: Mart Haitjema, Ritun Patney, Shakir James