Date: **Friday, Nov 18   11:15am to 12:05pm**
Location: **MCB 230**

Format:

The 2nd midterm exam will consist of 3-5 questions.

It will be open book, open notes, but closed computer/without wireless access.

You are responsible for the content of lectures 3 through 12 as well as the following papers, from which questions will be drawn primarily:

- The Transaction Concept: Virtues and Limitations

- Journaling Versus Soft Updates: Asynchronous Meta-data Protection in File Systems

- File and storage systems: The Google file system

- The duality of memory and communication in the implementation of a multiprocessor operating system

- Mondrix: Memory Isolation for Linux using Mondriaan Memory Protection

- Labeling Virtual Memory in the Asbestos Operating System

- Application performance and flexibility on Exokernel systems

- Extensibility safety and performance in the SPIN operating system

- Making Operating Systems more robust: Improving the Reliability of Commodity Operating Systems

- Efficient Software-Based Fault Isolation

There will be a Q&A session on Monday, Nov 14 to prepare for the midterm. Bring your questions.