STUDENT SEMINAR
Mathematics & Computer Sciences

Monday February 01, 2010
12:00-12:50 in W565

Ben Burnett

BS in Computer Science
from the University of Lethbridge.

Staff for the CONDOR project of
the University of Wisconsin-Madison

Condor and High Throughput Computing (HTC)

Condor is a specialized workload management system for compute-intensive jobs. Like other full-featured batch systems, Condor provides a job queueing mechanism, scheduling policy, priority scheme, resource monitoring, and resource management. While providing functionality similar to that of a more traditional batch queueing system, Condor’s novel architecture allows it to succeed in areas where traditional scheduling systems fail.

Condor can be used to manage a cluster of dedicated compute nodes. In addition, unique mechanisms enable Condor to effectively harness wasted CPU power from otherwise idle desktop workstations.

In this talk we will provide an introductory look at the Condor software bundle, discuss some of its features and applications as well as providing a brief tutorial on its use.

There will be refreshments and pizza.
Everyone is welcome!