Mathematics & Computer Science

WEEKLY STUDENT SEMINAR

Time: 12:00 – 12:50 p.m., Friday - March 9, 2012
Room: C674
Speaker: Ben Burnett

Title: A Strange-Love, or How I Learned to Stop Wasting Cycles and Love the Grid

Abstract: "There have been a few instances in recent history when a term from Computer Science has so deeply penetrated the popular lexicon. In the 90s it was "Plug-and-Play". "Googling," the verb, first coined in 98, achieved widespread use by 2002. Stallman (2008) suggested that we would see a rise in use of "Cloud Computing" as a marketing maneuver for software as a service. In this talk, we will try to define some instances of what is meant by the phrase, and how the ideas it comprises can be used to solve real-world problems. To aid our discussion, we will concentrate on the Condor distributed, high-throughput computing system from the University of Wisconsin-Madison. In addition to an overview of the Condor system itself, we will describe a number of software abstractions that sit atop Condor, and greatly simplify the means by which researchers can express and execute large computational problems. *Some familiarity with Computer Science is recommended, but not required.*

Refreshments will be served.

Visit the seminar page at: http://www.cs.uleth.ca/~nathanng/ntcoseminar.html