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