Lethbridge Number Theory and Combinatorics Seminar

Monday — October 3, 2016
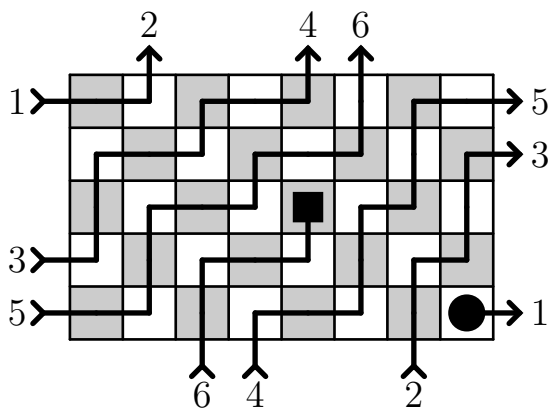Room: C756
Time: 12:00 to 12:50 p.m.

Dave Morris
Hamiltonian paths in projective checkerboards

Abstract: Place a checker in some square of an $m \times n$ rectangular checkerboard, and glue opposite edges of the checkerboard to make a projective plane. We determine whether the checker can visit all the squares of the checkerboard (without repeating any squares), by moving only north and east. This is joint work with Dallan McCarthy, and no advanced mathematical training will be needed to understand most of the talk.

EVERYONE IS WELCOME!

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

Pacific Institute *for the* Mathematical Sciences