



2008 - 2009



**MATHEMATICS COLLOQUIUM SERIES
UNIVERSITY OF CENTRAL FLORIDA**

**Dr. Sergey Norin
Princeton University**

will speak on

Divisors on graphs

ABSTRACT: Finite graphs can be viewed, in many respects, as discrete analogues of algebraic curves. In this talk, we consider this analogy in the context of linear equivalence of divisors on a graph. We will state a graph-theoretic version of the Riemann-Roch theorem, and outline its proof. Additionally, we will discuss harmonic morphisms between graphs and connections of our results to tropical geometry. This is joint work with Matt Baker.

DATE: Thursday, January 29, 2009

TIME: 11:30am – 12:30pm

PLACE: MAP 318

Refreshments will be served.