

# Number Theory Seminar

## *On Vaughan's approximation*

by Daniel Fiorilli (University of Ottawa)

Date: Thursday, August 6

Time: 1:00 - 1:50 p.m.

Room: C620

**Abstract:** I will discuss Vaughan's approximation to the number of primes in arithmetic progressions. In particular, I will show that on average over large moduli, it is far superior to the usual approximation.