

NUMBER THEORY AND COMBINATORICS SEMINAR

Date: Monday, 6 Feb 2012

Time: 12:00 to 1:00 p.m.

Room: E575



Dr. Nathan Ng

TITLE: At least one-third of the zeros of the Riemann zeta function are on the half line

ABSTRACT: In 1942, Selberg proved that a positive proportion of the zeros of the Riemann zeta function lie on the half line. Unfortunately, he never determined a numerical value for this proportion. By a different method, Levinson proved in 1974 that the proportion is at least one-third. In this talk, I will explain Levinson's proof and I will also briefly discuss Conrey's improvement of Levinson's result to four-tenths.

EVERYONE IS WELCOME!

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<http://www.cs.uleth.ca/~nathanng/ntcoseminar.html>