

# Lethbridge Number Theory and Combinatorics Seminar

Monday — September 24, 2018

Room: C630

Time: 12:00 to 12:50 p.m.

# Nathan Ng

## University of Lethbridge

# Mean values of $L$ -functions

In the past twenty years there has been a flurry of activity in the study of mean values of  $L$ -functions. This was precipitated by groundbreaking work of Keating and Snaith in which they modelled these mean values by random matrix theory. In this talk I will survey the best known asymptotic results for the mean values of  $L$ -functions in certain families (the Riemann zeta function on the half line and/or quadratic Dirichlet  $L$ -functions at the central point  $s = 1/2$ ).

**EVERYONE IS WELCOME!**

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



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