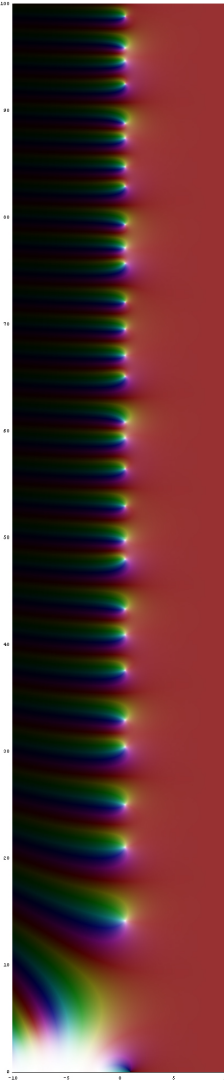


# COLLOQUIUM SPEAKER SERIES

## Mathematics and Computer Sciences

Monday November 02  
12:00-12:50, room W565



### Dr. Habiba Kadiri

Assistant Professor  
Department of Mathematics and Computer Science  
University of Lethbridge.

## Who wants to be a millionaire? or Celebrating 150 years of the Riemann Hypothesis.

### Abstract

The Riemann Hypothesis is a conjecture that was formulated in 1859 by the German mathematician Bernhard Riemann. It is widely considered to be the most important open problem in pure mathematics today. A correct solution to this problem would result in a US \$1,000,000 prize awarded by the Clay Mathematics Institute. This conjecture establishes the location of the zeros of a specific complex variable function. We will discuss the history of this problem and how it is intimately related to the distribution of prime numbers.

**THIS TALK IS ACCESSIBLE TO EVERYONE  
STUDENTS ARE ENCOURAGED TO ATTEND !**