

## NUMBER THEORY AND COMBINATORICS SEMINAR

**Date: Monday – Feb. 13, 2012**

**Time: 12:00 – 1:00 p.m.**

**Room: E-575**

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Dr. Amir Akbary

*Title:* Maass Forms

*Abstract:*

This is an introductory talk on Maass forms for  $SL(2, \mathbf{Z})$ . These objects were first studied by H. Maass in 1949. They appeared as non-holomorphic analogues of modular forms. Maass called them waveforms. We follow the presentation given in Sections 1.6 and 1.9 of Bump's book (Automorphic Forms and Representations).

**EVERYONE IS WELCOME!**

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