

TEMPLE UNIVERSITY MATHEMATICS COLLOQUIUM

Wenbo V. Li

University of Delaware

will speak on

**Fourier Transforms with Only Real Zeros and
Probability**

ABSTRACT:

The study of Fourier transforms with only real zeros has significant impacts in analysis, combinatorics, and probability. We will provide several examples to demonstrate the usefulness in probability. In particular, we will present recent joint work with Y. Leung and Rakesh on the spectral analysis of Brownian motion with jump boundary.

MONDAY, 17 MARCH 2008

LECTURE AT 4:00 PM

COFFEE, TEA, AND REFRESHMENTS FROM 3-5 PM

ROOM 617, WACHMAN BUILDING
DEPARTMENT OF MATHEMATICS