

Michael Hitrik

UC Los Angeles

will speak on

**Spectra for non-selfadjoint operators in the
semiclassical limit**

ABSTRACT: Non-selfadjoint operators arise naturally when describing phenomena where some form of dissipation or escape to infinity are possible. In this talk, we would like to describe some recent developments in the spectral analysis of non-selfadjoint problems. Of particular interest will be the case of dimensions one and two, where one can frequently give complete asymptotics for the individual eigenvalues, in suitable regions of the complex spectral plane.

MONDAY, FEBRUARY 20, 2012

LECTURE AT 12:00 PM

COFFEE, TEA, AND REFRESHMENTS FROM 11:45 AM

ROOM 617, WACHMAN BUILDING

DEPARTMENT OF MATHEMATICS