

*Mathematical Research
at Notre Dame*



UNIVERSITY OF
NOTRE DAME
Department of Mathematics

Speaker: Qing Han
University of Notre Dame

Friday, December 2, 2011

4:00 pm

231 Hayes-Healy Hall

Title: Degenerate Differential Equations in Geometry and Physics

Abstract:

Partial differential equations of the second order are naturally classified as elliptic and hyperbolic equations. However, this classification is not complete. Many PDEs are not of a definite type. They are degenerately elliptic, degenerately hyperbolic or even of mixed type. In this talk, I will present some questions from geometry and physics related to degenerate partial differential equations.

There will be pizza provided by the department following the lectures.