

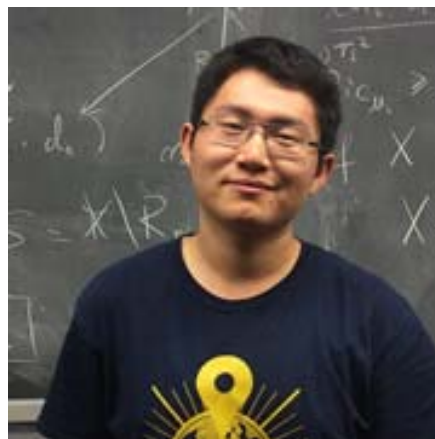
GEOMETRIC ANALYSIS SEMINAR

Speaker: Xiaoxiao Li
University of Notre Dame

Date: Thursday, January 24, 2019

Time: 11:00 AM

Location: 258 Hurley Hall



Lecture Title:

**L^2 curvature bounds on manifolds with bounded Ricci curvature,
Part I**

Abstract

I will discuss the work of Jiang and Naber on the L^2 curvature bounds on manifolds with bounded Ricci curvature. I will briefly recall some basic results in Cheeger-Colding-Naber theory, and explain their main result. If time permits, I will give some rough idea for the proof.