

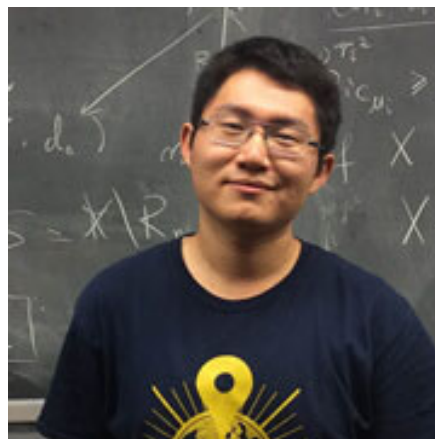
## ***GEOMETRIC ANALYSIS SEMINAR***

**Speaker: Xiaoxiao Li**  
**University of Notre Dame**

**Date:** Thursday, September 26, 2019

**Time:** 11:00 AM

**Location:** 258 Hurley Hall



***Lecture Title:***

### **Structures and regularity of a space with bounded Ricci curvature**

***Abstract***

I will give a brief introduction to the structure and regularity theory for Riemannian manifolds with bounded Ricci curvature. I will start with the geometric meaning of Ricci curvature and some classical rigidity results. After a quick review of Gromov-Hausdorff convergence, I will talk about some results in the theory developed by Cheeger, Colding, Naber and others.