



Speaker: Jian Ge
Universit of Notre Dame

Tuesday, September 14, 2010
11:00 AM
258 Hurley Hall

Title: "Soul Theorem for 4-dim open non-negatively Curved Smoothable
Alexandrov Spaces"

Abstract:

In this talk we will study the topology of 4-dim open non-negatively curved Smoothable Alexandrov Spaces by using the soul theorem and critical point theory for distance functions. These spaces occur naturally as the blow up limits of 4-dim Riemannian manifolds with lower curvature bound when we study the collapsing manifolds.