



Speaker: Matthew Gursky
University of Notre Dame

Monday, March 5, 2018

4:00 PM

125 Hayes-Healy Hall

Title: Hyperbolic space and conformally compact Einstein manifolds

Abstract:

In this talk I want to introduce the idea of a conformally compact Einstein manifold, using hyperbolic space as a model. I will then talk about how these spaces arise in various areas of mathematics and physics, and give some background about methods for constructing examples along with some obstructions to existence.