

GRADUATE STUDENT GEOMETRY SEMINAR

***Department of
Mathematics***

Guest Speaker: Jason Mitrovich
University of Notre Dame

Lecture Title:
Almgren's Bi-Lipschitz embedding



Date: Friday, September 11, 2026

Time: 4:00 PM

Location: 258 Hurley Hall

Abstract:

Almgren's bi-Lipschitz embedding is the core tool to understanding the extrinsic theory for Q -valued functions. First, I will discuss Almgren's original motivation around the regularity theory for codimension k minimizing currents. Then I will go through an introduction to the space of unordered Q tuples. I will briefly highlight the differences between the intrinsic and extrinsic theory before stating and proving the embedding.