

***GRADUATE STUDENT GEOMETRY
SEMINAR***

Guest Speaker: Jui-Yun Hung

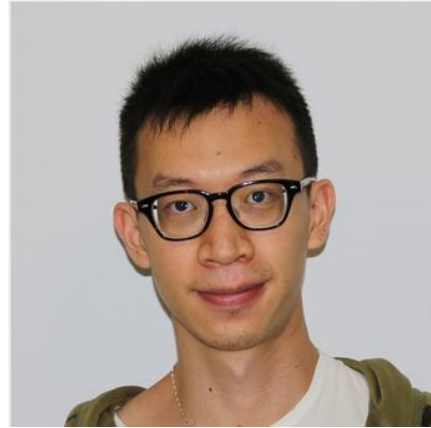
University of Notre Dame

Date: Monday, October 11, 2021

Time: 2:30 PM

Location: 258 Hurley Hall

Zoom URL: notredame.zoom.us/j/95815357423



Lecture Title:

Estimate and Differential Harnack's Inequality for Elliptic PDEs of second order

Abstract

In this talk, we will discuss how to use maximum principle to derive the gradient estimate and differential Harnack's inequality for solutions of uniformly elliptic PDEs of second order through Berstein method. Also, we will talk about some corollaries of these two results.