

***GRADUATE STUDENT GEOMETRY
SEMINAR***

Guest Speaker: Nan Wu
University of Notre Dame

Date: Wednesday, December 13, 2023

Time: 12:00 PM

Location: 258 Hurley Bldg

Zoom URL: NA



**UNIVERSITY OF
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College of Science
Mathematics

Lecture Title:

Introduction to Gromov-Lawson Construction

Abstract

Manifold with Positive scalar curvature lies in the central part of geometric analysis. An very interesting question in this area is how we can construct the new PSC manifold from the old. In this talk, we will introduce the celebrated work along this direction by Gromov and Lawson, and give a sketch of the proof.