

GRADUATE STUDENT SEMINAR

Guest Speaker: Karim Boustany

University of Notre Dame

Date: Monday, October 30, 2023

Time: 5:00 PM

Location: 258 Hurley Bldg

Zoom URL: NA



**UNIVERSITY OF
NOTRE DAME**

College of Science
Mathematics

Lecture Title:

To Be Or Not To Be (Symplectic)

Abstract

Symplectic topology exhibits strange phenomena. Indeed, the question of what exactly is symplectic behavior can have some very subtle answers, fitting into the framework of a “rigid/flexible” dichotomy. This dichotomy leads to valuable insights as well as the definition of interesting invariants. In this talk, I will discuss some instances of this dichotomy, and in the process showcase some cool results from the field. No prior knowledge of symplectic topology is assumed.