

GRADUATE STUDENT SEMINAR

Guest Speaker: Traci Warner

University of Notre Dame

Date: Tuesday, February 28, 2023

Time: 4:00 PM

Location: 258 Hurley Hall

Zoom URL: notredame.zoom.us/j/93888654312



Lecture Title:

Computations in the Stable Homotopy Category

Abstract

Using the classification of invertible Topological Field Theories (TFTs) as a motivating example, we examine some of the machinery at our disposal in the homotopy category of spectra. Along the way, we carry out a classic construction of an analogue of the Steenrod algebra for integer coefficients: the algebra of stable integral cohomology operations.