

GRADUATE STUDENT TOPOLOGY SEMINAR

Guest Speaker: Audriana Houtz

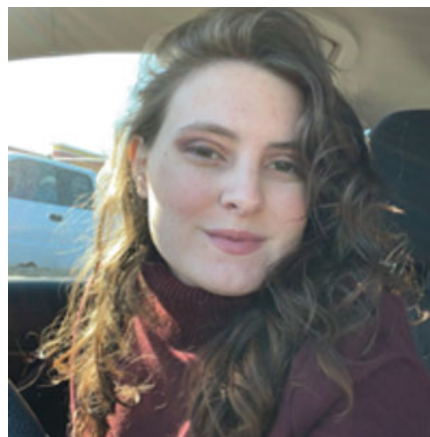
University of Notre Dame

Date: Friday, September 15, 2023

Time: 11:30 AM

Location: 258 Hurley Hall

Zoom URL: NA



Lecture Title:

Generating the Torelli Group

Abstract

We will pull theorems from the large literature on generating the Torelli group, but will only walk through “Cutting and pasting in the Torelli group” from our own Andy Putman. We first introduce the partial Torelli group. This group is key to creating an inductive argument. Because this proof follows the steps we used to generate the mapping class group, we will once again need the Birman short exact sequence and curve complex.