

***GRADUATE STUDENT TOPOLOGY
SEMINAR***

Guest Speaker: Annie Holden
University of Notre Dame

Date: Friday, September 29, 2023

Time: 11:30 AM

Location: 258 Hurley Bldg

Zoom URL: NA



Lecture Title:
The Johnson Homomorphism

Abstract

We explore the Torelli group $\mathcal{I}(S_g^1)$ of a genus g surface with one boundary component. We motivate and construct the Johnson homomorphism $\tau : \mathcal{I}(S_g^1) \rightarrow \wedge^3 H_1(S_g^1; \mathbb{Z})$.