Department of Mathematics
University of Notre Dame

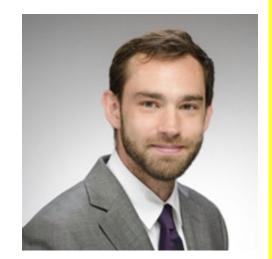## *TOPOLOGY SEMINAR*

Guest Speaker: Nick Salter

University of Notre Dame

Date: Tuesday, September 19, 2023
Time: 2:30 PM
Location: 258 Hurley Bldg
Zoom Link: NA

Lecture Title:
Ropes, fractions, and moduli spaces

Abstract

This will be a discussion of the only actually cool math magic trick that I know of - John Conway's tangle trick. Even schoolchildren can learn how to perform it, but for my money, the clearest conceptual explanation of why it works will take us to the interface of topology and algebraic geometry, going back to work of Weierstrass, Abel, and Jacobi.

Nick Salter - University of Notre Dame