Department of Mathematics
University of Notre Dame

TOPOLOGY AND FIELD THEORY SEMINAR

Guest Speaker: Ryan Grady

Montana State University

Date: Monday, November 27, 2023
Time: 2:00 PM
Location: 258 Hurley Bldg
Zoom Link: NA

Lecture Title:
Black Hole Entropy via Observables

Abstract
Since Wald, it has been known that the entropy of a black hole could be computed via Noether's Theorem as a conserved quantity. In this talk, I'll outline how to do so using the Noether Theorem of Costello and Gwilliam for observables in general relativity in the Palatini—Cartan—Holst formulation.

Ryan Grady - Montana State University