

Colloquium

University of Notre Dame
Department of Mathematics

Speaker: Ralph Kaufmann

Purdue University

Will give a lecture entitled
Algebra, Geometry and Physics

Date: Wednesday, March 22, 2023

Time: 4:00 PM

Location: 125 Hayes-Healy Hall

Zoom URL: NA



Ralph Kaufmann - Purdue University

Departmental Tea: Tea in Room 257 (lounge in Hurley Hall) at 3:30 p.m.

Abstract:

We will discuss certain algebraic structures that arise naturally in the study of deformations. These have a geometric interpretation in terms of surfaces that arise in the study of moduli spaces. One way to view this is through the lens of physics where they appear in string theory as we will explain.