

## ***GRADUATE STUDENT SEMINAR***

**Guest Speaker: Lyda Urresta**

**University of Notre Dame**

***Date:*** Monday, April 15, 2019

***Time:*** 4:00 PM

***Location:*** 117 Hayes-Healy Hall

***Lecture Title:***

**Introduction to Geometric Vertex Operator Algebra**

***Abstract***

We present Yi-Zhi Huang's geometric realization of the algebraic notion of a vertex operator algebra. A geometric vertex operator algebra is defined by deriving an algebraic structure governed by a certain moduli space of punctured spheres. This will be an expository talk and no background in vertex operator algebras will be assumed.