

University of Notre Dame Department of Mathematics

QFT READING SEMINAR

Ryan Grady

University of Notre Dame

Will give a lecture entitled:

Holomorphic Chern-Simons and the Witten Genus; Part 1: Stretching the Canvas

On

Tuesday, May 17, 2011

At

4:00 PM

In

258 Hurley Hall

Abstract

This is a two part introduction to Kevin Costello's (it A geometric construction of the Witten genus, part 2). The main goal of these talks is to introduce the main players in the game and give the starting lineup; in future talks, the game will unfold. Additionally, we will touch on the relevance of the Witten genus and describe briefly the field theory paradigm in which Costello and others work.