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**Speaker:** Nero Budur  
University of Notre Dame

Tuesday, March 20, 2012  
12:30 PM  
125 Hayes-Healy Hall

**Title:** Introduction

**Abstract:**

Gromov-Witten invariants count curves and are related to mirror symmetry. Donaldson Thomas invariants count sheaves and are related with motivic Milnor fibers and singularity theory. These two types of invariants are conjectured to be equivalent. We will give an introduction to the topic of the seminar, basic results, and conjectures.