



**Speaker:** Ryan Grady  
University of Notre Dame

Thursday, October 7, 2010  
9:00 AM  
258 Hurley Hall

**Title:** Renormalization and Effective Field Theory I

**Abstract:**

This is the first half of a series of talks on Costello's book. I will introduce some topics from the book that will be needed in discussing the paper of Costello and Gwilliam. Among these topics will be the definition (after Costello) of QFT, renormalization, and some elements of the Batalin-Vilkovisky formalism.