

Witten Genus Seminar



Speaker: Santosh Kandel
University of Notre Dame

Thursday, September 22, 2011
4:00 pm
258 Hurley Hall

Title: Batalin-Vilkovisky Formalism / Dg-Lie Algebras

Abstract:

We begin by concluding the discussion of the Batalin-Vilkosvisky formalism with an example using Chern-Simons theory. Following this, we introduce dg-Lie algebras and L_∞ -algebras and give some examples. We then discuss how dg-Lie algebras control some deformation problems.