

Witten Genus Seminar



Speaker: **Justin Thomas**
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Thursday, September 1, 2011
4:00 pm
258 Hurley Hall

Title: The Ingredient List

Abstract:

I will first recall what we covered so far in this seminar. After that, we will see an outline of the Witten genus paper. Concepts will not be defined rigorously. Rather, we will try to make clear all the ingredients which go into recovering the Witten genus from holomorphic Chern-Simons theory. The plan in the coming semester is to try to define these ingredients. In addition, the analogies and lack thereof with the ϕ^4 theory, which we talked about last semester, will be highlighted.