



Speaker: Justin D. Thomas
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Monday, June 6, 2011
3:30 PM
258 Hurley Hall

Title: Quantizing the free scalar field theory

Abstract:

The goal of this talk will primarily be motivation for the formalism used to define Costello's notion of a quantum field theory. We will discuss several examples of classical theories from the Lagrangian point of view, one of which is the free scalar field theory. We will also briefly discussed the two most common gauge theories, Chern Simons and Yang Mills. However, the main focus of this talk will be the quantized version of the free scalar field theory.