

Department of Theoretical Physics

Special Free Meson Seminar

<i>Speaker</i>	:	Silas Beane (University of New Hampshire)
<i>Topic</i>	:	The Hadronic S-Matrix from Lattice QCD
<i>Day, Date & Time</i>	:	Wednesday, November 24, 2010 at 11:30 a.m.
<i>Place</i>	:	Theoretical Physics Seminar Room (A304)

Abstract

I will discuss recent efforts to calculate the simplest strong-interaction S-matrix elements using lattice QCD. The focus will be on the basic technology required to extract scattering information from the energy levels measured on the lattice, and to subsequently remove lattice artifacts to make quantitative physical predictions with fully-controlled systematic errors.

(Nilmani Mathur)