

University of Notre Dame
College of Science
Department of Physics

COLLOQUIUM

Physics in the LHC Era

Dr. Sally Dawson
Brookhaven National Laboratory

Wednesday, September 29, 2010 4:00 p.m. NSH 118

(Refreshments at 3:30 p.m. NSH 202)

Exciting opportunities are in store for particle physics over the coming decade, with new tools and experiments poised to explore the frontiers of high energy, the smallest distance scales, and processes of great rarity.

Einstein's dream of a unification of all forces will be tested at new energy scales and with greater precision than ever before. The Large Hadron Collider at CERN has begun the exploration of higher energy scales than have been tested previously and I will discuss initial results from the LHC and expectations for the coming years.

Host: Antonio Delgado

ALL INTERESTED PERSONS ARE CORDIALLY INVITED TO ATTEND