

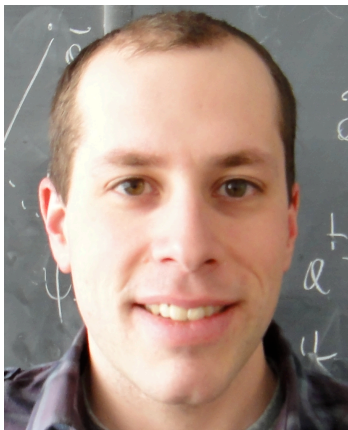
Special Time!

LEPP Journal Club

Friday, November 11, 2011. **3:00 pm (2:45 refreshments)**
301 Physical Sciences Building

Joshua Berger & Josh Thompson
Cornell University

SUSY Searches at the LHC (A Tale of Two Joshes?)



TeV-scale Supersymmetry solves several puzzles in the Standard Model. We first present the results of SUSY searches from ATLAS and CMS based upon the first 1 fb^{-1} of LHC data. We then discuss several classes of experimentally allowed models which preserve the benefits of Supersymmetry. In particular, we motivate and describe cases with heavy superpartners, small missing energy, and soft spectra. These theories can produce spectacular signatures in future analyses.

