

ND @ ND

Ayan Paul, Graduate Student  
Department of Physics  
University of Notre Dame  
Tuesday, November 15, 2011  
4:00 P.M. NSH 415

As we wait for direct searches to cough up new degrees of freedom, we are gradually realizing that Nature's Grand Scheme is more elusive than we had previously thought it to be. In preparation for a more complicated dynamics than we have hitherto modeled we continue our partially model independent correlated searches of New Dynamics in the flavour sector. In this presentation, I will focus on searches of New Dynamics in two, three and four body decays of the charm hadrons. As theoretical complexity increases exponentially with the final state multiplicity, such channels also provide far more experimental handles than lower multiplicity channels. I will also try to highlight how such dynamics can be used for model building with a different perspective.

Particle  
Physics  
Seminar

All interested  
persons are  
cordially  
invited to  
attend.