

Department of Theoretical Physics

Special Free Meson Seminar

<i>Speaker</i>	:	Gautam Bhattacharyya (SINP, Kolkata)
<i>Topic</i>	:	A review of Electroweak Symmetry Breaking and Physics beyond the Standard Model
<i>Day, Date & Time</i>	:	Monday, March 15, 2010 at 4:00 p.m.
<i>Place</i>	:	Theoretical Physics Seminar Room (A304)

Abstract

I shall briefly review the present status of the electroweak part of the Standard Model, mainly highlighting the experimental and theoretical constraints on the Higgs mass. I shall then discuss why we need to go Beyond the Standard Model (BSM). The BSM tour will be guided by symmetry arguments. I shall cover four specific BSM scenarios: supersymmetry, Little Higgs, Gauge-Higgs unification, and the Higgsless models.

(Nilmani Mathur)