

Department of Theoretical Physics

Free Meson Seminar

<i>Speaker</i>	:	Monoranjan Guchait
<i>Topic</i>	:	Physics Results from First LHC data at 7 TeV Energy
<i>Day, Date & Time</i>	:	Thursday, August 26, 2010 at 2:30 p.m.
<i>Place</i>	:	AG 69

Abstract

The Large Hadron Collider experiment has already completed a successful operation during the period of 30th March to the middle of July, 2010, when proton-proton collision took place at 7 TeV centre of mass energy. During this period the machine delivered a few tens of nb⁻¹ luminosity. With this luminosity, both the groups, CMS and ATLAS, promptly analyzed this collision data to study physics. In this talk I plan to discuss some of the published physics results, primarily based on standard model. There are also attempts towards the beyond standard model physics, which will also be reported.

(Nilmani Mathur)