

## Area Seminar

Title	Mass measurements at the LHC with missing particle- challenges and strategies of recent times.
Date and Time	10/03/2011 16:00:00
Speaker	Partha Konar
	PRL, Ahmedabad
Area	Theoretical Physics
Venue	Room No. 469
Abstract	Dark matter as non-standard fundamental particle should be weakly interacting so expected to leave no signals or energy deposits in the detectors at the LHC. Any study of this heavy, neutral, stable missing particles is complex. Recently, there has been a great deal of theoretical effort to explore the nature of dark matter particles at the LHC. In this talk I outline and discuss the mass determination techniques developed lately. I'll also cover my works on this area.