

### Area Seminar

Title            Mass measurement techniques for BSM particles in collider experiments

Date and  
Time            22/03/2013 16:00:00

Speaker            Abhay Kumar Swain

                      Physical Research Laboratory , Ahmedabad

Area            Theoretical Physics

Venue           Room No. 469

Abstract           Most of the theories beyond the Standard Model(BSM) includes  
                      unstable heavy particles which can decay into a stable invisible particle.  
                      If LHC observes any BSM particles we must be able to determine their  
                      masses and other properties. In this talk I will discuss some of the mass  
                      measurement techniques which tell how to measure the masses of both  
                      stable as well as unstable particles in collider experiments.