

Area Seminar

Title	Perturbative expansion improved by renormalization-group summation and conformal mappings of the Borel plane for the QCD Adler function
Date and Time	15/10/2013 14:30:00
Speaker	Prof. B. Ananthanarayan Professor Indian Institute of Sciences, Bangalore
Area	Theoretical Physics
Venue	Room No. 469
Abstract	<p>The extraction of the strong coupling constant in a reliable manner is one of the important challenges of elementary particle physics research. We will describe in detail some of our detailed theoretical investigations on this subject which employs a novel renormalization group summation scheme, which when applied to the hadronic decay of the tau produces excellent results. In this talk, we will discuss all the ingredients in a highly accessible manner, as many of the ingredients can be explained from an elementary standard point.</p>