

Seminarium Studium Doktoranckiego NCBJ

Poniedziałek, 20 listopada, godzina 9:00 Sala 22 w NCBJ, Hoża 69

Speaker: **Rahul Nair**

Title: **Event Shape Engineering Technique in ultra-relativistic nuclear collisions**

Abstract: The evolution of the system created in a high energy nuclear collision is very sensitive to the fluctuations in the initial geometry of the system. Utilizing these large fluctuations, one can select events corresponding to a specific initial shape. This method is called Event Shape Engineering. It provides an opportunity for the quantitative test of the theory of high energy nuclear collisions and understanding the properties of high density hot QCD matter. The technique will be illustrated on the grounds lead ion collisions in ALICE at LHC.