

LABORATORI NAZIONALI DEL GRAN SASSO

SEMINAR ANNOUNCEMENT

On October 30, 2007 at 2:30 p.m. Xavier Bertou from Centro Atomico Bariloche (CNEA), Bariloche, Argentina will give a seminar entitled:

“The Surface Detector of the Pierre Auger Observatory”

Abstract:

The Pierre Auger Observatory is close to completion with all its fluorescence telescopes running and more than 1400 of the 1600 water Cherenkov detectors in operation. Its ground array has already an accumulated aperture of five times the previous largest cosmic ray ground array, and high quality data is recorded on a routinely daily basis. I will detail the calibration and operation of the ground array, its stability, and how the analysis of its data is performed. The physics implication of the first data set will be reviewed.

(“B. Pontecorvo” room)