

LABORATORI NAZIONALI DEL GRAN SASSO

SEMINAR ANNOUNCEMENT

On **October 1, 2009**, at **2:30 pm**, **Teresa Montaruli** from **University of Wisconsin** will give a seminar entitled:

“Searching extraterrestrial high energy neutrinos”

Abstract

I will review the search for astrophysical neutrinos and the status and results of neutrino telescopes in operation and decommissioned. I will describe the methods used for data analysis, and background discrimination. I will give emphasis to recent results of IceCube and ANTARES. I will interpret these results and consider their impact on theoretical predictions of neutrino fluxes correlated with measurements using other messengers, specifically gammas and ultra-high energy cosmic rays.

(“B. Pontecorvo” room)