

LABORATORI NAZIONALI DEL GRAN SASSO

SEMINAR ANNOUNCEMENT

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INFN - LNGS

**“STELLA - The LNGS Low
Background Counting
Facility”**

Abstract

The LNGS low background counting facility STELLA (SubTERRanean Low Level Assay) is a service infrastructure located in the underground laboratories, devoted to highly sensitive radiopurity measurements and material screening. The lab is working at the frontier of ultra low background measurements. It is well known world wide, and holds the leadership in this field. The seminar will give:

- an introduction to the installations and experimental set-ups using ultra low background techniques;
- a detailed description of the activities performed;
- an overview of the widespread applications and the possible development and upgrade.

MARCH 24, 2010 - 2:30 PM
LNGS - “B. PONTECORVO” ROOM