



## SEMINARIO

Martedì 24 maggio 2005

e

Mercoledì 25 maggio 2005

ore 11.00

presso INFN - Sezione di Pisa

Largo B. Pontecorvo, 3 – Edificio C

**Aula 131 (Piano Terreno)**

**Dr. Richard Wigmans**

*(Texas Tech University)*

Terrà un seminario dal titolo

## **Calorimetry – Energy Measurement in Particle Physics**

**Abstract:** This course consists of two lectures of approximately 2 hours each. In the first lecture, I will discuss the physics that plays a role when high-energy particles are absorbed in dense matter, with emphasis on issues that are important for the properties of calorimeters. In the second lecture, I discuss all aspects of the calorimeter response function: Mean value, shape, width, and the factors that determine these characteristics. I will also talk about some issues that students who start working in a particle physics experiment are most likely to get involved in: Calibration and simulation.