

LABORATORI NAZIONALI DEL GRAN SASSO

SEMINAR ANNOUNCEMENT

On September 23, 2008, at 2:30 pm, Viktor Alekseenko from Baksan Neutrino Observatory, Institute for Nuclear Research (Russia) will give a seminar entitled:

“Baksan results on surface and underground measurement of Radon–due thermal neutrons flux variations”

Abstract

Baksan Neutrino Observatory’s results on long and short term thermal neutron flux variations, -near the surface and underground, -measured with an unshielded thermal neutron scintillator detector are presented. Experimental evidences were obtained of correlation between the thermal neutron flux variations and Lunar periods: **Radon-due neutron tidal variations.** An evidence of a possible correlation between local seismic activity and thermal neutron flux has been established.

(“B. Pontecorvo” room)