

LABORATORI NAZIONALI DEL GRAN SASSO

SEMINAR ANNOUNCEMENT

On December 5, 2007 at 14:30, M. Kachelriess from Norwegian University of Science and Technology will give a seminar entitled:

“The sources of ultra high energy cosmic rays”

Abstract:

Progress in cosmic ray physics has been hampered by the difficulty to identify individual sources. The increased sky exposure of new experiments like the Pierre Auger Observatory is expected to overcome this difficulty, leading to the start of “charged particle astronomy”. I will discuss the already observed anisotropies on medium and on small scales as well as the correlation signal with AGNs, optimal methods to analyze them and possible consequences.

(“B. Pontecorvo” room)