

**LABORATORI NAZIONALI DEL GRAN SASSO**

**SEMINAR ANNOUNCEMENT**

On June 18, 2008, at 2:30 pm, **S. Takahashi** from **Nagoya University** will give a seminar entitled:

**"The project of observation of cosmic gamma-rays with high angular resolution by emulsion hybrid telescope"**

Abstract

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We aim to observe cosmic gamma-rays in the energy range 10MeV to 100GeV with high angular resolution. Nuclear emulsion that is a precise tracker achieve a gamma-ray telescope with high angular resolution (sub-mrad) by detecting start of pair creation by gamma-rays. Now we are developing the gamma-ray telescope using nuclear emulsion and aim to observe by balloon flight. Overview and status of our telescope is talked in this seminar. And the possibility of our telescope as a linear polarimeter and the technique which attach the time information to the event detected by nuclear emulsion are also talked.

**(“B. Pontecorvo” room)**