

**LABORATORI NAZIONALI DEL GRAN SASSO**

**SEMINAR ANNOUNCEMENT**

On July 11, 2008, at 4:00 pm, **A. Drago** from **Ferrara University** will give a seminar entitled:

**"Formation of quark phases in compact stars"**

**Abstract**

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I discuss scenarios of formation of quark matter in compact stars. In particular I focus on explosive phenomena, as core collapse supernovae and gamma ray bursts, showing how the formation of quark matter can lead to observable neutrino emission and how it can play an important role for the explosion of the core collapse supernovae.

**("B. Pontecorvo" room)**