

**LABORATORI NAZIONALI DEL GRAN SASSO**

**SEMINAR ANNOUNCEMENT**

On **October 2, 2008**, at **11:00 am**, **L. Laperashvili** from **ITEP, Moscow**, will give a seminar entitled:

**“Mirror world, E6 unification  
and cosmology”**

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*Abstract*  
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We consider the model of E6 unification in the ordinary and mirror worlds which is inspired by superstring theory. We assume that mirror parity is broken and calculate the E6 breaking scale in the mirror world by investigating the running coupling constants. Our results can explain a small cosmological constant giving a quintessence model of the expanding universe.

**(“B. Rossi” room)**