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## Extreme Field Science

*Tuesday, 29 November 2011 15:30 (30 minutes)*

The development of Extreme Field Science will make it possible to explore novel phenomena, to study processes of basic importance for physics, and to model in the laboratory processes of key importance for relativistic astrophysics. Experiments in this field will allow us to model in a terrestrial laboratory the state of matter that is thought to occur in cosmic Gamma Ray Bursts and in the Leptonic Era of the Universe.

In addition it will open a new way for developing hard EM radiation sources: multi-MeV, several fs, gamma-ray bursts.

**Presenter:** Prof. PEGORARO, Francesco (university of pisa)

**Session Classification:** Satellite Meeting