# SEMPARIS – Séminaires en région parisienne

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## Particle Theory Seminar of IJCLAB
## Orsay

**Jeudi 8 Fevrier 2018, 11 :00**
LPT, 114
Domaines : hep-ph

Titre : *Precision vs. energy in the Standard Model EFT*

Orateur : **Martin Gonzalez-Alonso ( CERN )**

Résumé : *I will introduce the Standard Model Effective Field Theory (SMEFT) as a general framework to analyse experimental searches. I will discuss the interplay of precision measurements in low- and medium-energy facilities with high-energy searches at the LHC, using the SMEFT as theoretical framework. Specific examples will be discussed, including nuclear/atomic probes, LEP searches or flavour transitions. In each case, the synergy with LHC searches will be discussed.*