

# Effective Higgs-nucleon coupling from lattice QCD

*Thursday, 15 February 2018 16:30 (20 minutes)*

I will present the results of a new lattice QCD calculation of the u, d, s and heavy-quark, nucleon sigma terms with full control over all sources of uncertainty. These are important, for instance, for interpreting the results of WIMP dark matter searches or for the study of lepton-flavor violating, coherent, nuclear  $\mu \rightarrow e$  conversion.

**Presenter:** LELLOUCH, Laurent (CNRS and Aix-Marseille U.)

**Session Classification:** Short Talks