



Laboratório de Instrumentação e  
Física Experimental de Partículas

## Seminário LIP

Quinta Feira, 7 de Março 2019

11:30

### CMS highlights at the end of LHC Run2

Nuno Leonardo (LIP)

The second data taking period (Run2) of the LHC has just ended, having delivered about 150/fb worth of pp collisions to ATLAS/CMS at the record energy of 13 TeV, as well as collisions involving heavy ions. An increase in the effective yields of relevant signals of about an order of magnitude and considerable jumps in sensitivity are attained relative to Run1. Despite only part of the available data having been analysed, significant results have been already extracted. Sensitivity projections for the upcoming runs have also been just concluded. I will present a selection of recent results obtained with CMS. Where we stand and where we're headed to.

**Local: Sala de Seminários (311)**

**LIP, Av. Prof. Gama Pinto, N° 2, 1649-003 Lisboa**

**<https://indico.lip.pt/event/541/>**

**(Café e bolinhos 30 min antes)**

**O evento terá transmissão por streaming:**

**URL: <https://videocast.fcn.pt/live/lip/seminarios>**

**PIN: LIP-seminario-2019-03-07**