



ID de Contribution: 28

Type: **Ordinary**

Searches for other heavy resonances (boosted $t\bar{t}$, vector-like quarks, etc.) with 13 TeV data

mardi 21 mars 2017 09:30 (15 minutes)

I will show new ATLAS and CMS results of (non-SUSY) searches with 3rd generation quarks, walking through the experimental challenges associated with the complex characteristics of these final states and the different approaches taken, namely, jet substructure techniques. I will highlight results with the full 2015+2016 dataset and will also show results with less data. A few motivating models with hypothetical vector-like quarks (VLQs) or models with new heavy gauge bosons will be in the focus of the presented searches.

Author: Dr TAL HOD, Noam (TRIUMF)

Orateur: Dr TAL HOD, Noam (TRIUMF)

Classification de Session: Beyond SM (cont)

Classification de thématique: Experiment