



Contribution ID: 33

Type: **Oral Presentation**

Some interesting aspects of Λ_b baryon decays

Wednesday 31 July 2019 16:40 (20 minutes)

The decays of the Λ_b baryon constitute important sources of information for different aspects of weak interactions. Λ_b baryons are produced prolifically at the LHC, with their production ratio with respect to light B mesons decreasing rapidly with transverse momentum. These Λ_b 's have been analyzed by the LHCb collaboration in order to measure form-factors in $\Lambda_b \rightarrow \Lambda_c \mu^- \nu$ transitions, seeing evidence for pentaquark states, and other aspects of weak interactions that will be reported.

Author: Mr VENKATESWARAN, Aravindhana (Syracuse University (US))

Presenter: Mr VENKATESWARAN, Aravindhana (Syracuse University (US))

Session Classification: Quark & Lepton Flavor

Track Classification: Quark & Lepton Flavor