Contribution ID: **133** Type: **Talk**

Baryonic and charmless B decays at LHCb

Wednesday 27 September 2017 11:40 (20 minutes)

The mechanisms behind baryonic decays of heavy flavoured particles remain mysterious and challenging to describe theoretically. Interesting properties of such decays include the suppression of branching fractions to two-body final states and threshold enhancements in higher multiplicity decays. The large data sample accumulated by the LHCb experiment between 2011 and 2016 enables a variety of studies to be performed and new decay modes to be explored. The latest LHCb results on charmless decays of B mesons are reviewed with an emphasis on decays to baryonic final states.

Authors: LATHAM, Thomas Edward (University of Warwick (GB)); GERSABECK, Marco (University of Manchester (GB))

Presenter: LATHAM, Thomas Edward (University of Warwick (GB))

Session Classification: Hadron decays

Track Classification: Hadron decays