



Contribution ID : 700

Type : **Oral talk**

Studies of Ξ_c baryons at LHCb

Wednesday, 7 October 2020 11:25 (15)

on behalf of the LHCb collaboration The LHCb detector at the Large Hadron Collider is one of the best instruments for charmed baryon spectroscopy available today. Due to its unique design and characteristics as well as stable operation of the LHC, the detector enables measurements of rare and suppressed decays with high accuracy. The report is devoted to the recent observations of the suppressed decays of the baryons Ξ_c^+ and Ξ_c^0 and search for CP violation in Ξ_c^+ baryon decays that were performed at LHCb.

Primary author(s) : CHUBYKIN, Aleksei (PNPI NRC KI); RICCIARDI, Stefania

Presenter(s) : CHUBYKIN, Aleksei (PNPI NRC KI)

Session Classification : High Energy Physics

Track Classification : High energy physics