

# XXVIII International Workshop on Deep Inelastic Scattering and Related Subjects



Contribution ID: 223

Type: **Contributed Talk**

## Spectroscopy of exotic states at LHCb

*Tuesday, March 24, 2020 3:14 PM (22 minutes)*

The discovery of pentaquark candidates in  $L_b \rightarrow J/\psi p K$  decays at LHCb has opened a new field in exotic spectroscopy. Analysis of full dataset of b-hadron decays collected during Run I and II provides opportunities to examine the established states with better precision, their investigation in new decay modes and for searches of new exotic hadron candidates. Recent results of these studies will be presented.

**Primary authors:** RICCIARDI, Stefania; CAPRIOTTI, Lorenzo

**Presenter:** CAPRIOTTI, Lorenzo

**Session Classification:** QCD with Heavy Flavors and Hadronic Final States

**Track Classification:** QCD with Heavy Flavors and Hadronic Final States