

# WPCF 2023 - XVI Workshop on Particle Correlations and Femtoscopy & IV Resonance Workshop 2023



Contribution ID: 43

Type: **Invited**

## Exotic Spectroscopy at LHCb

*Monday, 6 November 2023 14:30 (25 minutes)*

Studies of exotic hadrons comprise a natural and privileged playground for a more thorough elucidation of the nature of quantum chromodynamics. In this context the LHCb experiment, dedicated to study heavy flavor hadrons produced from pp collision at the LHC, plays a vital role, already providing evidence for several exotic hadrons.

The talk will deliver an overview of the selected, latest LHCb on the subject of exotic hadron spectroscopy. It encompasses, in particular, the observations of pentaquarks, tetraquarks and the status of experimental knowledge about the state  $\chi_{c1}(3872)$ .

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**Session Classification:** Day 1 - Afternoon