



Contribution ID: 47

Type: **Talk**

ATLAS results on exotic hadronic resonances

Thursday 4 August 2022 12:10 (20 minutes)

Recent results from the proton-proton collision data taken by the ATLAS experiment on exotic resonances will be presented. A search for $J/\psi p$ resonances in $\Lambda_b \rightarrow J/\psi pK$ decays with large pK invariant masses will be reported. Studies of Z_c states in B -meson decays with the Run 2 data at 13 TeV will also be discussed. Searches for exotic resonances in 4 muon final states will be shown.

Preferred track

Hadron Spectroscopy

Subfield

HEP experiment

Attending in-person?

Yes

On behalf of collaboration?

ATLAS Collaboration

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Session Classification: Hadron spectroscopy / Jets

Track Classification: Hadron spectroscopy