



Contribution ID: 49

Type: **Talk**

## ATLAS results on exotic hadronic resonances

*Saturday 10 September 2022 10:00 (30 minutes)*

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

### Is this abstract from experiment?

Yes

### Name of experiment and experimental site

ATLAS

### Is the speaker for that presentation defined?

No

### Details

N/A

### Internet talk

Maybe

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**Session Classification:** High Energy Particle Physics