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## ATLAS results on exotic hadronic resonances

*Saturday, 9 July 2022 14:45 (15 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.

### In-person participation

Yes

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