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## **ATLAS measurements of production, decays and spectroscopy of heavy flavour hadrons**

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Recent results from the ATLAS experiment on production, decays and spectroscopy of heavy flavour hadrons will be presented. The latest results on the CP violation in  $B_s$  to  $J/\psi$   $\phi$  decays will be discussed. Measurements of the inclusive and associated charmonium production will be also reported. In addition, searches for pentaquarks with hidden charm and recent results on  $B_c$  meson production and decays will be highlighted.

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