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ATLAS Measurements of CP Violation and Rare Decays Processes with Beauty Mesons

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The ATLAS experiment has a rich B physics program including measurements of CP violation in B meson decays and studies of rare FCNC decays of B mesons as sensitive probes of physics beyond the SM. In this talk, recent studies of the CP violating phase ϕ_s in $B_s^0 \rightarrow J/\Psi\phi$ and of the rare decay of B^0 and B_s^0 to muon pairs are highlighted.

Summary

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