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## Measurements of the CP violation phase $\phi_s$ at LHCb

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Decays of the  $B_s$  meson via  $b \rightarrow c\bar{c}b$  transitions are excellent probes for physics beyond the Standard Model due to their sensitivity to the CP-violating phase  $\phi_s$ . In addition, the  $B_s$  decay width and the decay width difference between the  $B_s$  mass eigenstates are measured precisely in these modes. We present the first Run 2 measurements of these quantities at LHCb.

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