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Measurement of the phase of Bs mixing with $B_s \rightarrow \varphi\varphi$

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The B_s meson provides an ideal laboratory for measurements of CP violation and searches for CPV beyond the Standard Model. We present recent LHCb results on measurements of the B_s mixing phase using the penguin mediated decay $B_s \rightarrow \varphi\varphi$, which is very sensitive to physics beyond the Standard Model.

Summary

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