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## Angular analysis of the decay $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ with CMS

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The Flavour Changing Neutral Current decay,  $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ , is very sensitive to New Physics through its observables like  $A_{FB}(\mu)$  (muon forward backward asymmetry),  $F_L$  (longitudinal polarisation of  $K$ ), and differential branching fraction. So far, these parameters are consistent with the Standard Model prediction. We will report the recent results from CMS on these parameters using the  $20 \text{ fb}^{-1}$  data collected during 2012.

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