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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} (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 fb^{-1} data collected during 2012.

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