

Performing a full angular analysis of $B_d \rightarrow K^* \mu \mu$ at LHCb

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The decay $B_d \rightarrow K^* \mu \mu$ is a rare $b \rightarrow s$ quark transition which is of great interest as a probe of beyond the Standard Model physics at the LHC. LHCb will be able to collect such large samples of these decays that a full angular analysis will be possible within a few years. Methods developed for performing this analysis will be presented, and some aspects of the related phenomenology discussed.

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