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Theory of $B \rightarrow K(^*) \mu^+ \mu^-$

Wednesday 10 September 2014 10:00 (20 minutes)

Decay modes mediated by the transition $b \rightarrow sll$, such as $B_s \rightarrow \mu\mu$ and $B \rightarrow K(^*)\mu\mu$, are currently under intensive experimental and theoretical scrutiny, mostly due to the latest measurements of their branching ratios and angular distributions. In this talk I will provide a comprehensive review of the theory of $b \rightarrow sll$ modes, the main theory uncertainties, recent developments and future challenges.

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