
Literature Review

A search $\tau \rightarrow \mu\gamma$ at Belle

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1 Introduction

1. General introduction
2. Brief overview of SM
3. Motivation for search

2 Lepton-Flavour Changing Processes

1. Look up papers/talk to John bc he knows leptoquarks ???
2. Feynman diagram; SM vs. BSM

3 Other Searches

1. Belle rules
2. BaBar
3. LHCb?
4. Belle 2 future searches

4 References

1. Belle papers
2. Charged-Lepton Flavour Physics (CERN): 1201.5093v2
3. Explaining the CMS Higgs flavor violating decay excess: 1409.7890v2
4. Flavor Violating Higgs Decays: 1209.1397v2
5. New Search for $\tau \rightarrow \mu\gamma$ etc. (Belle): 0705.0650v2
6. An Upper Bound on the Decay $\tau \rightarrow \mu\gamma$ from Belle: arXiv:hep-ex/0310029v3

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