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## Searches for low mass dark bosons

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Many models extending the SM to account for dark matter or explain inflation predict the existence of  $O(1)$  GeV mass particles with long lifetimes. LHCb's detection capabilities for detached vertices are exploited to search for particles decaying to muon pairs. New results are presented.

**Author:** MAURI, Andrea (UZH)

**Presenter:** MAURI, Andrea (UZH)

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