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## Search for $K_s \rightarrow \mu\mu$ at LHCb

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$K_s \rightarrow \mu\mu$  is a FCNC-type decay that is very suppressed in the SM and whose properties make it very sensitive to BSM physics, independently from other similar decays, such as  $K_L \rightarrow \mu\mu$ . In this talk we will present the latest search for this channel at LHCb, which provides the world-best sensitivity and improves very significantly previous results.

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