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## Purely Leptonic Rare decays at LHCb

*Saturday, 9 July 2022 15:04 (17 minutes)*

Very rare B-meson decays, in particular Flavour-Changing Neutral-Current processes of the type  $B(s) \rightarrow l^+ l^-$ , are an excellent tool to search for New Physics, as they provide a clear experimental signature and they can be predicted very precisely in the Standard Model. Latest measurements of these processes using the large sample of beauty-hadron decays collected by the LHCb experiment during Run 1 and 2 of the LHC, corresponding to an integrated luminosity of 9/fb, will be presented.

### In-person participation

Yes

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