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Rare B decays at CMS

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Rare B-meson decays especially those mediated by flavor-changing neutral current transition provide an excellent, indirect probe to search for new physics beyond the standard model. We discuss the newest and most interesting results on rare semileptonic $b \rightarrow s l^+ l^-$ decays from the CMS experiment at LHC. The results are based on 5.2 fb^{-1} of proton-proton collision data recorded at the center-of-mass energy of 7 TeV.

Presenter: MOHANTY, Gagan (Tata Inst. of Fundamental Research (IN))

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