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Abstract for an Invited Paper for the APR21 Meeting of the American Physical Society

## Electroweak penguin anomalies<sup>1</sup>

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Several LHCb measurements of ratios of  $B \to K^{(*)}\mu^+\mu^-$  and angular distributions in the low dimuon mass region have shown deviations greater than two standard deviations  $(\sigma)$  from the Standard Model. Currently, the branching fraction for  $B_s^0 \to \mu^+\mu^-$  obtained by averaging LHCb, CMS and ATLAS measurements is also  $2.1\sigma$  low, supporting the other results. The current status and updated results from the LHC experiments and the B-factories on  $\mathcal{R}(K)$ ,  $\mathcal{R}(K^*)$ , the dilepton angular distributions, and  $B_s^0 \to \mu^+\mu^-$  will be shown.

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