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# Flavor anomalies and possible manifestations in kaon decays

*Tuesday 27 September 2016 17:15 (35 minutes)*

## Summary

We discuss B-decay anomalies and possible solutions focusing on two models with gauged  $L_{\mu} - L_{\tau}$  symmetry. We show how interesting correlations between  $b \rightarrow s \mu \mu$  transitions and  $h \rightarrow \mu \tau$  and  $\tau \rightarrow 3\mu$  arise. We also explore the effects of Lepton flavor (universality) violation in rare kaon decays. Also motivated by Bardeen Buras Gerard theoretical approach we evaluate rare kaon decay hadronic matrix elements

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**Session Classification:** Flavor