Rare K decay results and future prospects

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Highly suppressed rare K decay processes provide excellent probes to physics beyond the standard model. Flavor changing neutral current (FCNC) decays provide sensitive tests of the Cabbibo-Kobayashi-Maskawa (CKM) matrix independent of B decays. Comparison between K and B results provides a discovery potential of new CP violation mechanism beyond CKM, which is expected from the baryon asymmetry of the universe. Lepton flavor violating processes provide sensitive test of physics whose energy scales are beyond the reach of accelerators, and are complimentary to rare muon and tau decays. I will review recent rare K decay results and future prospects.