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Abstract for an Invited Paper for the APR16 Meeting of the American Physical Society

## Quark Flavor Physics: Experimental Status and Prospects

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Processes involving quark flavor changes are sensitive probes of additional short-range interactions. Such processes can also be used to search for low-mass hidden-sector bosons. I will summarize the current state of the field, focusing on the stringent model-independent constraints placed on physics at high mass scales. A few intriguing anomalies will also be highlighted.