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**Search for New Physics with Flavor**

STEFAN SPANIER, University of Tennessee

In recent years, the quark-mixing angles and the  $CP$  phase in the Cabibbo-Kobayashi-Maskawa matrix have been measured with very high precision. Today, the availability of high-luminosity hadronic and electron-positron accelerators enables indirect searches for new quark generations and interactions at energies in the TeV range via rare processes involving quantum-loops. Low energy constraints for beyond Standard Model scenarios are derived from such measurements. Recent experimental results of searches in reactions involving  $b$ ,  $c$ , and  $s$ -quarks will be presented.