



Contribution ID: 177

Type: **not specified**

## Semileptonic decays of K and D mesons in 2+1 flavor QCD

*Tuesday, 15 June 2010 15:30 (20 minutes)*

The experimentally measured rates of the semileptonic decays  $K \rightarrow \pi l \nu$  and  $D \rightarrow K(\pi) l \nu$  can be combined with lattice calculations of the associated form factors to precisely extract the CKM matrix elements  $|V_{us}|$  and  $|V_{cs(d)}|$ . We report on the status of form factor calculations with Fermilab charm quarks and staggered light quarks on the 2+1 flavor asqtad staggered MILC ensembles. Analyses of the data for the charm decays indicate significant improvements in the statistical uncertainties. We discuss the use of hisq valence quarks to calculate the  $K \rightarrow \pi l \nu$  form factor  $f_+(0)$  and describe tests of our method.

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talk

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**Session Classification:** Parallel 29: Weak decays and matrix elements

**Track Classification:** Weak decays and matrix elements