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## Lattice inputs for the determination of $V_{cd}$ and $V_{cs}$ from (semi-)leptonic decays

*Tuesday 9 September 2014 18:15 (20 minutes)*

In this talk I will review recent lattice QCD results for D and D<sub>s</sub> meson leptonic and semileptonic decays. The theory inputs needed for the determination of  $V_{cd}$  and  $V_{cs}$  from experimental results are the meson decay constants (leptonic decays) and the form factors (semileptonic decays). In addition one can compare the shape of the form factors from lattice QCD and experiment, and use the full experimental  $q^2$  range (partial decay rates in  $q^2$  bins) to determine the CKM matrix elements.

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