

Updated determinations of $|V_{us}|$ with tau decays using the HFLAV fit

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We present updated determinations of $|V_{us}|$ using tau decays that include a preliminary updated HFLAV global fit of the tau branching fractions, up-to-date lattice hadronic form factors and decay constants, and novel determinations published in 2019 of the electromagnetic and strong isospin-breaking corrections to the $\pi^+ \rightarrow \mu^+ \nu[\gamma]$ and $K^+ \rightarrow \mu^+ \nu[\gamma]$ leptonic decay rates obtained with lattice QCD+QED.

What is your topic?

CKM matrix and Flavour Mixing

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