

Semileptonic decays at e^+e^- B factories

Semileptonic B-meson decays are well suited to measure the magnitudes of the CKM matrix elements $|V_{cb}|$ and $|V_{ub}|$ and provide crucial tests of the quark flavor sector of the Standard Model.

In this talk, an overview of the status of $|V_{ub}|$ and $|V_{cb}|$ determinations at the e^+e^- B-factory experiments Belle and BaBar will be given, with a focus on the recent experimental progress. Recent results on inclusive and exclusive charmless semileptonic decays as well as new measurements of $B \rightarrow D^* \ell \nu$ and $B \rightarrow D^{(*)} \pi \ell \nu$ decays will be discussed.

In addition, the current status of $R(D)$ and $R(D^*)$ measurements with semileptonic decays involving tau leptons will be presented.

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