

## 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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