



Contribution ID: 586

Type: Parallel talk

## Combining theory inputs for $B \rightarrow D^{(*)} \ell \nu$ and extracting $|V_{cb}|$

*Friday 12 July 2019 11:25 (20 minutes)*

Recent theory results for the full set of hadronic matrix elements arising in  $B \rightarrow D^{(*)} \ell \nu$  decays have triggered our interest. We investigate if and how various pieces of theory information on these hadronic matrix elements fit together. As a consequence, we obtain precise theory predictions for the full angular distribution of these decays in the SM and beyond. Finally, we challenge the experimental data available from the BaBar and Belle collaborations. We discuss the compatibility between our results for  $|V_{cb}|$  and the inclusive determination.

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**Session Classification:** Flavour Physics and CP Violation

**Track Classification:** Flavour Physics and CP Violation