



Contribution ID: 44

Type: **Presentation**

## Next challenges in semileptonic B decays

*Tuesday 12 September 2023 14:00 (30 minutes)*

Determination of the CKM matrix elements  $|V_{cb}|$  and  $|V_{ub}|$  reached the stage that full lattice QCD calculations are available to compare with the experimental data including their kinematical distributions. I briefly summarize the situation and discuss the remaining problems to be understood/solved. That include  $b \rightarrow c$ ,  $b \rightarrow u$  as well as  $b \rightarrow s$  decays such as  $B \rightarrow K\ell\ell$ .

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