



Contribution ID: 52

Type: **Invited Talk**

Determination of the Cabibbo-Koyabashi-Maskawa matrix elements $|V_{cb}|$ and $|V_{ub}|$ at Belle and Belle II

Tuesday 23 May 2023 14:00 (40 minutes)

A precise knowledge of the elements $|V_{cb}|$ and $|V_{ub}|$ of the CKM matrix is important to constraint the Standard Model of particle physics and predict the rate of ultra-rare B meson decays such as $B \rightarrow \mu\nu$ or $B \rightarrow K\nu\bar{\nu}$. In this talk I will review the experimental status of these fundamental parameters with a focus on the latest developments and new results from the Belle and Belle II experiments.

Author: SCHWANDA, Christoph (Austrian Academy of Sciences (AT))

Presenters: SCHWANDA, Christoph; SCHWANDA, Christoph (Austrian Academy of Sciences (AT))

Session Classification: Tuesday 3

Track Classification: tests and extensions of the Standard Model of elementary particles