Contribution ID: **332** Type: **Parallel**

New results on semileptonic B decays and on the CKM magnitudes |Vub| and |Vcb| from Belle

Friday, 6 July 2018 09:00 (20 minutes)

The magnitudes of the Cabibbo-Kobayashi-Maskawa (CKM) matrix elements |Vcb| and |Vub|, in combination with the angles of the Unitarity Triangle, are crucial for testing the quark flavour sector of the Standard Model. We report new results on |Vub| and |Vcb| obtained from the Belle data set. This presentation will also cover new measurements of B → pi pi l nu and B → D* * l nu. The analyses are based on the full data set recorded by the Belle detector at the Y(4S) resonance containing 772 million BBbar pairs from e+ e- collisions produced by the KEKB collider.

Primary authors: NISHIDA, Shohei (KEK); WAHEED, Eiasha

Presenter: WAHEED, Eiasha

Session Classification: Quark and Lepton Flavor Physics