

Semileptonic and rare decays at Belle II

Monday, 6 June 2022 13:55 (25 minutes)

Decays of B mesons that proceed through electroweak and radiative penguin amplitudes attract significant attention due to a number of observed discrepancies between the standard-model predictions and the results. Belle II is expected to perform measurements on channels closely related to those exhibiting anomalies and that are uniquely available to Belle II. We present recent results on $b \rightarrow s\ell^+\ell^-$ and $b \rightarrow sv\nu^-$ transitions. In addition, we present recent results related to semileptonic B decay.

Primary author: LIBBY, Jim (IITM)

Presenter: DORNER, Daniel (HEPHY Vienna)

Session Classification: Heavy Flavour session