



Contribution ID: 32

Type: **Talk**

Impact of lattice QCD on CKM phenomenology

Thursday, July 28, 2016 9:00 AM (45 minutes)

In this talk I review the implications of recent lattice QCD results on the phenomenology of flavour and CP-violating meson decays. Precise lattice QCD results for hadronic matrix elements, decay constants and form factors play a crucial role in the determination of CKM matrix elements and in the identification of possible new physics contributions to flavour violating observables. I also highlight some possible future directions for lattice QCD calculations which would have a big impact on flavour phenomenology.

Primary author: BLANKE, Monika (Karlsruhe Institute of Technology)

Presenter: BLANKE, Monika (Karlsruhe Institute of Technology)

Session Classification: Plenary Session

Track Classification: Plenary Session