



Contribution ID: 116

Type: **Oral Presentation**

Progress in lattice QCD for B physics

Wednesday, 31 July 2019 14:00 (20 minutes)

B physics is in an exciting era. The LHCb and Belle II experiments are reaching unprecedented precision and are providing new opportunities for discovering physics beyond the Standard Model. To connect the hadronic processes observed in the experiments to the underlying short-distance physics, lattice QCD calculations are essential. I will discuss recent progress and future prospects for B physics on the lattice. This includes both improvements in the precision of established observables and first calculations of more complex observables.

Primary author: Prof. MEINEL, Stefan (University of Arizona / RIKEN BNL Research Center)

Presenter: Prof. MEINEL, Stefan (University of Arizona / RIKEN BNL Research Center)

Session Classification: Quark & Lepton Flavor

Track Classification: Quark & Lepton Flavor