

Lattice QCD and flavor physics

Saturday 20 July 2024 15:00 (15 minutes)

The rich structure of flavor physics provides a plethora of possibilities to test or constrain the standard model. This requires both precise experimental measurements as well as theoretical predictions. Determining non-perturbative contributions due to the strong force is the prime task of lattice QCD calculations leading e.g. to determinations of decay constants, form factors or bag parameters. Selecting a few examples we highlight recent progress in lattice QCD determinations in the light and heavy flavor sector and discuss their impact on flavor physics.

Alternate track

I read the instructions above

Yes

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