

Theory overview: QCD

Friday, November 17, 2023 8:30 AM (30 minutes)

Precision prediction for top quark physics

Top quark is the heaviest particle in the standard model. Once produced, the top quark immediately decays to a W boson and a bottom quark before hadronization. Precision studies for top quark physics plays essential role in the validity of the Standard Model and exploring potential avenues for new physics. In this talk I will review recently theoretical development in top quark physics, which includes the theoretical efforts for top quark production and decay.

Presenter: LI, Haitao (haitao.li@sdu.edu.cn)

Session Classification: Plenary Session