

ISR and IFI in Precision AFB Studies with KKMC-hh

Thursday, September 12, 2019 5:30 PM (25 minutes)

KKMC-hh is a precision event generator for Z boson production at a hadron collider, based on coherent exclusive exponentiation (CEEX) of soft photon emission at the amplitude level. We will summarize studies of ISR and IFI effects on calculations AFB for precision EW analysis at the LHC. Different approaches to ISR will be compared, and progress will be reported on implementing NLO QCD in KKMC-hh.

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Session Classification: Thursday Afternoon B