

# Phenomenology 2021 Symposium



Contribution ID: 1405

Type: QCD & EW

## Analytic continuations of two loop four point master integrals for amplitudes with vector boson final states

*Wednesday 26 May 2021 14:00 (15 minutes)*

We will discuss some analytic continuations to known two loop diboson master integrals which are phenomenologically relevant and use them to evaluate two loop helicity amplitudes for processes with vector boson final states.

### Summary

**Primary authors:** MURALIDHARAN, Sushruth (University at Buffalo); WILLIAMS, Ciaran (SUNY Buffalo)

**Presenter:** MURALIDHARAN, Sushruth (University at Buffalo)

**Session Classification:** QCD & EW I