

Session Program

24-26 May 2021



Phenomenology 2021 Symposium

QCD & EW I

University of Pittsburgh
Pittsburgh, PA 15260

Wednesday 26 May

14:00

QCD & EW I

Session | Convener: Sida Lu

14:00–14:15

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

Speaker

Sushruth Muralidharan

14:15–14:30

NNLO single-top-quark production and decay: Discrepancies resolved, PDFs challenged

Speaker

Zack Sullivan

14:30–14:45

NLO corrections to $W^{+}Z\gamma$ production in SM and tree-level effects of dimension-eight operators in SMEFT at the LHC

Speaker

Huanfeng Cheng

14:45–15:00

Multiboson measurements at CMS

Speaker

Shilpi Jain

15:00–15:15

Mixed EW-QCD three-loop leading fermionic corrections to electroweak precision observables

Speaker

Lisong Chen

15:15–15:30

CuTe-MCFM: Fiducial q_T resummation for color-singlet processes at $N^3\text{LL}+\text{NNLO}$

Speaker

Tobias Neumann

15:30–15:45

Two-loop QCD corrections to Wbb production at hadron colliders

Speaker

Heribertus Bayu Hartanto

15:45–16:00

Electroweak Restoration at the LHC and Beyond

Speaker

Samuel Lane

16:00