Cascade developer meeting

- Hoping that you are all ok !

DY pt spectrum – QED corrections

- QED corrections still an issue for Brussels analysis
  - discussed also in CMS gen group
  - S. Mrenna suggested to run Pythia standalone
    - inside CMSSW
    - standalone
  - Who could help ?

Cascade release

- present release: 3.0.2_beta10

  - ChangeLog

    Version 3.0.02_beta10 (09.2020)

    bug in steer_new corrected: NqmaxMerge missing in namelist

    Version 3.0.02_beta09 (08.2020)

    Automatic calcualtion of max weight (only for special cases MaxFactor still needed)

    casTMD included, as new interface to TMDlib, allowing more than one set.

    second TMD for beam2 optional (especailly for pA)

    Version 3.0.02_beta08 (05.2020)

    changed lhescale=2 in steering, and as default

    Weight names for TMDs changed, followoing LesHouches arXiv 1405.1067 p162

    Updates on MLM merging allowing treatment of heavy flavors

  - Please test latest version and give feedback

Cascade manual

- Full text manual and publication
  - explain methods of adding kt and showering – as general reference
  - only focus on PB TMDs and LHE interface

- Online manual
  - updates

Agenda

Cascade developer meeting

📅 Thursday 5 Nov 2020, 15:30 → 16:10 Europe/Berlin

Description https://cern.zoom.us/j/7861953672

pwd: 2020

15:30 → 15:50 **Intro**

15:50 → 16:10 **Multijet merging**
Speaker: Armando Bermudez Martinez (DESY)