

# Cascade developer meeting

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- Hope that you are all ok !

# Next Conferences/workshops

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- REF 2021 15-19 Nov 2021 <https://indico.desy.de/event/28334/>

# News on CASCADE

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- J/psi J/psi production
  - issues found by Minyu Feng
    - turned out to be connected with the frame in which ME is calculated – needs to be J/psi J/psi rest frame
    - with help of S. Baranov solved this
- updates on PB-TMD-MLM merging
  - Armando
- updates on PB-TMD with POWHEG
  - Armando & summerstudents 2021
    - new lhescale=5 introduced
- technical updates on autotools, cmake, HepMC3
  - Andrii → see extra talk

# CASCADE collaboration

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Need some code of understanding of what a collaboration is


- working together for a common goal
  - no one is owner of the program, it belongs to the collaboration
  - ditto results, which are obtained commonly
  - as in experiment, collaboration has many people who maintain the package, on physics, technical aspects, etc
- For talks and presentation of results which are obtained by collaboration:
  - common decision, which presents what
  - inform all on requests for talks
  - communicate slides before presentation to allow feedback
- Be careful with results which are obtained by individuals – needs agreement before they can be shown by others

# Agenda

## Cascade developer meeting

Thursday 7 Oct 2021, 15:30 → 16:40 Europe/Berlin

Videoconference Rooms  Cascade developer meeting [Join](#)

15:30 → 15:40	<b>Intro</b>	10m	
15:40 → 16:00	<b>CASCADE: new developments</b> Speaker: Andrii Verbytskyi (ZEUS/UKR (ZEUS / Ukraine))  cascade.pdf	20m	
16:00 → 16:20	<b>PB - TMDs and POWHEG (tbc)</b> Speaker: Armando Bermudez Martinez (CMS (CMS Fachgruppe QCD))	20m	
16:20 → 16:40	<b>Discussion on PB TMD - MC school before REF2021</b>	20m	