

LHC EW WG 2: Jets and EW bosons

ATLAS: Eram Rizvi, Heberth Torres

CMS: Anastasia Grebenyuk, Hannes Jung

LHCb: Will Barter, Stephen Farry

TH: Marek Schoenherr

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Twiki: <https://twiki.cern.ch/twiki/bin/view/LHCPhysics/EWWG2>

Regular meetings every second week, Tuesday 15-17h,
<https://indico.cern.ch/category/3290/>

General LHC EWWG meeting on Tue-Wed July 2nd and July 3rd

Main activities:

- ▶ Jet substructure
 - ▶ Information on our twiki:
<https://twiki.cern.ch/twiki/bin/view/LHCPhysics/LHCJetSubstructureMeasurements>
- ▶ Common LHC tune for different NLO MC generators (**discussion TODAY**):
 - ▶ we would need to define the set of the input data for the tuning
 - ▶ last CMS tune (CMS PAS GEN-17-001) is using 13 TeV data since an issue with the tune to the lower energies was observed
 - ▶ as a first step it would be great to see the latest CMS/ATLAS/LHCb tunes performing at lower energies
- ▶ HEPData, Rivet and correlated uncertainties:
 - ▶ Louie is working on documentation
- ▶ Benchmark comparison
 - ▶ Comparing ATLAS and CMS with the same theory prediction

List of the projects within the subgroup:

https://docs.google.com/document/d/1zA0unULEU5mrGJE1QV-5cy47_Cun8zS1a8z3DTDQz3k/edit?usp=sharing

Please have a look and fill in your names for the projects you could contribute by yourself or by helping to find person-power.

Today's agenda

LHC-EW WG: Jets and EW bosons



Tuesday 14 May 2019, 15:00 → 17:10 Europe/Zurich

CERN

Videoconference
Rooms



LHC-EW_WG_Jets_and_EW_bosons

Join



15:00 → 15:10 **Intro**

10m



15:10 → 15:30 **Multijet MC modelling in ATLAS**

20m



Speaker: Evelin Meoni (Universita della Calabria e INFN (IT))

15:30 → 15:50 **Towards common LHC tune: discussion on parametrisation of energy dependence**

20m



Speakers: Louie Dartmoor Corpe (University of London (GB)), Simone Amoroso (Deutsches Elektronen-Synchrotron (DE))