

LHC EW WG 2: Jets and EW bosons

ATLAS: Eram Rizvi, Heberth Torres

CMS: Hannes Jung, Anastasia Grebenyuk

LHCb: Stephen Farry, Will Barter

TH: Marek Schoenherr

March 5, 2019

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


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


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:
 - ▶ 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:
 - ▶ in case you were not present at the last meeting please have a look at the last mail from Louie regarding the plan for the document
- ▶ Benchmark comparison
 - ▶ Comparing ATLAS and CMS with the same theory prediction



Today's agenda



LHC-EW WG: Jets and EW bosons

 Tuesday 5 Mar 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 **LHC Jet Substructure Measurement Goals**  20m 
Speaker: Christine Angela Mc Lean (SUNY Buffalo)