



Berkeley  
UNIVERSITY OF CALIFORNIA



# LHC-EW: Jets and EW bosons

March 16, 2021

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

**Indico:** <https://indico.cern.ch/category/3290/>

## Conveners

**ATLAS:** Ben Nachman (—> Javier Merino, April 1), Eram Rizvi

**CMS:** Vieri Candelise, Mikko Voutilainen

**LHCb:** Will Barter , Stephen Farry

**ALICE:** James Mulligan, Nima Zardoshti

**Theory:** Marek Schoenherr

# Next meeting – March 29



## LHC-EW WG: Jets and EW bosons

Monday 29 Mar 2021, 16:30 → 18:00 Europe/Zurich

**Description** We will use ZOOM for the meeting:

<https://cern.zoom.us/j/98001221614?pwd=VGxhSExIZEMrMUtYMUhRZ3JXOUhCUT09>

Meeting ID: 980 0122 1614 (passcode 959106)

**16:30** → 16:40 **News & Introduction**

**Speakers:** James Mulligan (University of California, Berkeley (US)), Nima Zardoshti (University of Birmingham (GB))

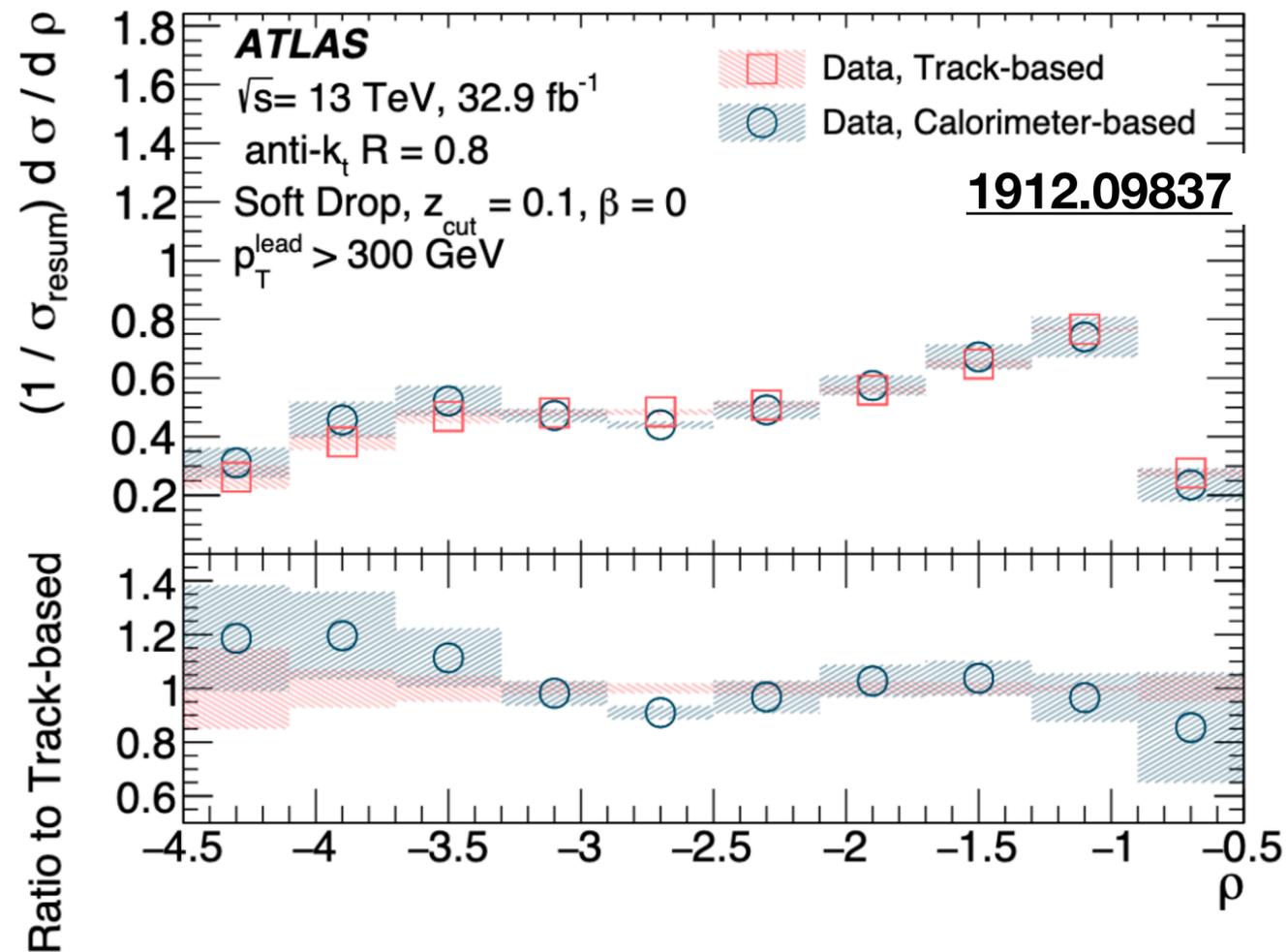
**16:40** → 17:10 **Underlying event and pileup subtraction at the LHC**

**Speaker:** Philip Coleman Harris (Massachusetts Inst. of Technology (US))

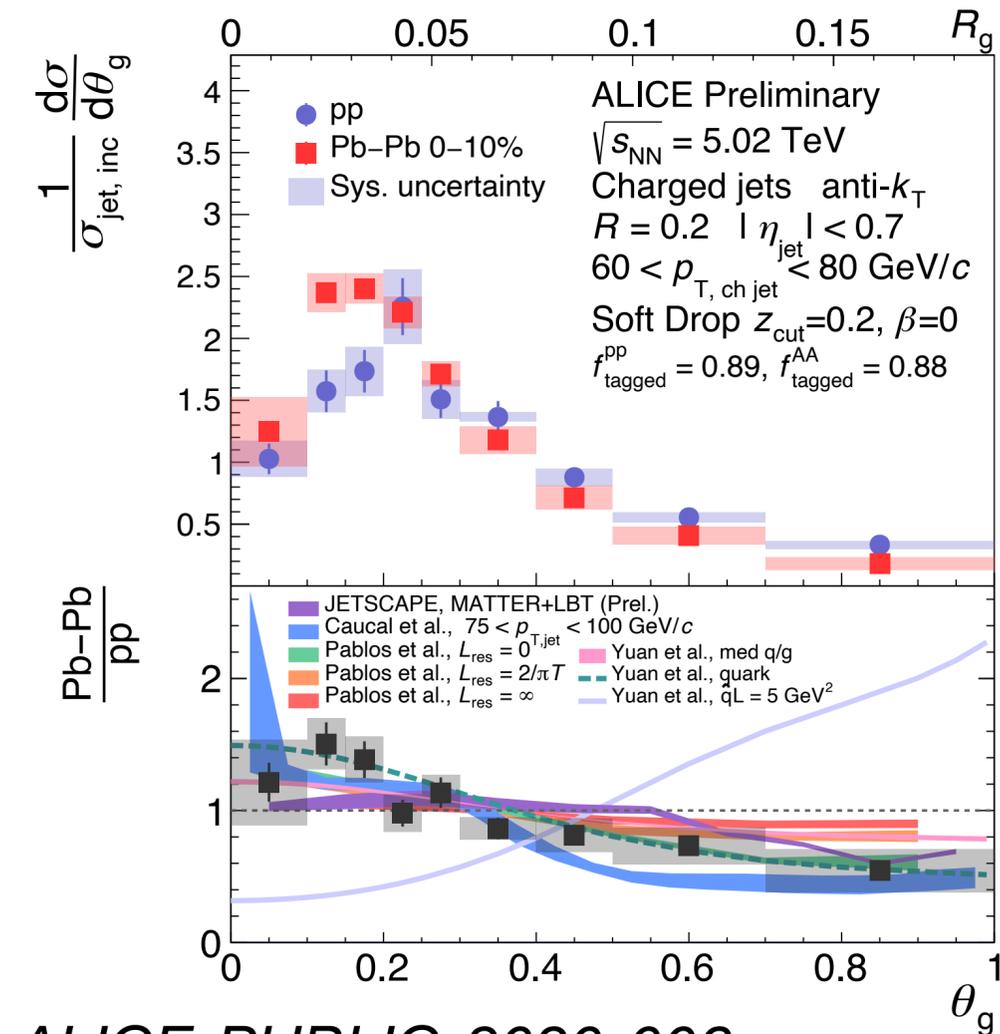
# Today: track-based observables

Track-based observables can be measured with high precision

Jennifer Roloff  
 LHCEW Jet substructure mini-workshop



Wealth of charged particle jet measurements — especially low- $p_T$



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Prospects for analytical calculations of track-based jet observables?