



Contribution ID: 30

Type: Talk

Redefining Performance: New Techniques for ATLAS Jet & MET Calibration

Thursday, July 20, 2023 4:40 PM (20 minutes)

Experimental uncertainties related to hadronic object reconstruction can limit the precision of physics analyses at the LHC, and so improvements in performance have the potential to broadly increase the impact of results. Recent refinements to reconstruction and calibration procedures for ATLAS jets and MET result in reduced uncertainties, improved pileup stability and other performance gains. In this contribution, selected highlights of these developments will be presented.

Is this abstract from experiment?

Yes

Name of experiment and experimental site

ATLAS

Is the speaker for that presentation defined?

No

Details

N/A

Internet talk

Maybe

Author: PETERS, Krisztian (Deutsches Elektronen-Synchrotron (DE))

Co-author: VETTERLI, Michel (Simon Fraser University (CA))

Presenter: VETTERLI, Michel (Simon Fraser University (CA))

Session Classification: High Energy Particle Physics

Track Classification: Main topics: High Energy Particle Physics