# CIPANP 2018 - Thirteenth Conference on the Intersections of Particle and Nuclear Physics

Contribution ID: 365 Type: Parallel

## High Precision Extraction of $A_{FB}$ at the LHC

Friday, 1 June 2018 15:20 (20 minutes)

We report on the extraction of the electroweak mixing angle from precision measurements of the forward-backward asymmetry  $(A_{FB})$  in dilepton events produced at the large hadron collider.

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#### Collaboration name

CMS (reporting also for ATLAS and LHCb)

### **Funding source**

DOE

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**Session Classification:** TSEI / PHE

Track Classification: TSEI