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## Precision Electroweak measurements in CMS

*lundi 12 mars 2018 10:15 (15 minutes)*

We report on the status of the precision measurements of electroweak parameters at CMS. The effective weak mixing angle  $\sin^2_{\text{eff}}\theta$  is extracted by measuring the forward-backward asymmetry in di-lepton events near the Z boson mass region. The first observation of electroweak production of same-sign W boson pairs in proton-proton collisions is also reported.

### Summary

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**Classification de Session:** Monday Morning: SM ( top, EW)