



ID de Contribution: 39

Type: YSF (Young Scientists Forum)

Electroweak production of Zjj and hadronic activity in Zjj events at CMS

mercredi 18 mars 2015 19:37 (5 minutes)

The measurement of the electroweak production cross section of a Z -boson in association with two jets in proton-proton collisions by the CMS experiment is presented. The cross section is measured in dielectron and dimuon final states and the measurement, combining different methods and channels is in agreement with the theory prediction. The hadronic activity in events with Z -boson production in association with jets is also studied, in particular in the rapidity interval between the associated forward/backward jets.

Auteur principal: M. CORNELIS, Tom (Universiteit Antwerpen)

Orateur: M. CORNELIS, Tom (Universiteit Antwerpen)

Classification de Session: Young Scientist Forum 3

Classification de thématique: Experiment