



ID de Contribution: 150

Type: Ordinary

Associated top production ($t\bar{t}V$, tV) in ATLAS and CMS

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Measurements and searches are presented of association top production processes ($t\bar{t}V$ and tV) in pp collisions at $\sqrt{s} = 13$ TeV recorded by CMS and ATLAS. $t\bar{t}W$ is measured in the two same-sign lepton channel, obtaining an expected (observed) significance of 4.5 (5.3) standard deviations in the CMS analysis and (3.4) 3.9 in the ATLAS analysis. $t\bar{t}Z$ associated production is measured in the three and four lepton channel with a significance of above 5 standard deviations. tZq is measured in the three lepton channel with an observed (expected) significance of 3.1 (3.7) sigmas in the CMS analysis and 4.2 (5.4) in the ATLAS one. tW is measured in the opposite-sign electron-muon channel with a precision of 10% by CMS and in the opposite-sign dilepton channel with a precision of 30% by ATLAS.

Summary

Auteur principal: SÁNCHEZ CRUZ, Sergio

Orateur: SÁNCHEZ CRUZ, Sergio

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