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Estimation of the Z Invisible Background for Searches for Supersymmetry in the All-Hadronic Channel ANDRES ABREU, Univ of Puerto Rico - Mayaguez, CMS COLLABORATION — Results for the search of Supersymmetry in the all-hadronic channel will be presented with an emphasis on the irreducible Z Invisible background. The procedure for estimating the Z Invisible background consists of a hybrid method composed of two commonly used techniques. The study uses the most recent sets of proton-proton collision data recorded by the CMS detector at sqrt(s) = 13 TeV.

Andres Abreu
Univ of Puerto Rico - Mayaguez

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