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Dilepton Forward-Backward Asymmetry and electroweak mixing angle at ATLAS and CMS (13' + 2')

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We present measurements of the forward backward asymmetry in the Drell-Yan dilepton events and a study of extracting the weak mixing angle with the data sample of pp collisions at \sqrt{s} at 8 TeV collected by CMS in 2012. Thanks to the large data sample, corresponding to about 19/fb, and new techniques, statistical and systematic uncertainties are significantly improved compared with the previous measurement.

Presenter: HAN, Jiyeon (University of Rochester (US))

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