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”Measurement of WW cross-section in pp collisions at 13TeV with the CMS detector

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A measurement of the W+W− cross section in pp collisions at 13 TeV is presented.
The data were collected with the CMS detector at the LHC in 2015, and correspond
to an integrated luminosity of 2.3 ± 0.1 fb-1 . The measurement is performed by selecting events with one electron and one muon of opposite charge, accompanied
by large missing transverse energy. The W+W− cross section is measured to be
115.3 ± 5.8 (stat) ± 5.7 (exp) ± 6.4 (theo) ± 3.6 (lum) pb, consistent with the standard
model prediction.

Summary

Author: FERNANDEZ MANTECA, Pedro (Universidad de Cantabria (ES))

Presenter: FERNANDEZ MANTECA, Pedro (Universidad de Cantabria (ES))

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