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## **Measurement of the Lepton Charge Asymmetry in Inclusive W Production in pp Collisions at $\sqrt{s} = 7$ TeV**

*Friday, 29 April 2011 16:25 (10 minutes)*

Lepton charge asymmetry in inclusive  $pp \rightarrow WX$  production at  $\sqrt{s} = 7$  TeV has been measured by the CMS detector at the LHC, using 36/pb of data. These measurements, performed in both  $W \rightarrow e \nu$  and  $W \rightarrow \mu \nu$  channels, will provide new insights into proton structure functions.

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