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The top forward-backward asymmetry and the LHC (15' + 5')

Friday 10 June 2011 17:10 (20 minutes)

The long-standing Tevatron anomaly in the top forward-backward asymmetry has been the focus of a recent wave of model building. I will discuss models which account for the asymmetry and the prospects for related measurements at the LHC in both the short- and long-term. Two strategies for measuring related asymmetries at the LHC will be detailed, with large beyond-the-standard-model asymmetries observable in ~ 5 fb at the 7 TeV LHC and the small SM asymmetry observable at the 14 TeV LHC.

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