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## Measurement of the charge asymmetry in top quark pair production in 8 TeV $pp$ collision data collected by the ATLAS experiment

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A summary of results for the top quark charge asymmetry,  $A_C$ , measured using  $20.3 \text{ fb}^{-1}$  of data recorded with the ATLAS detector at a center-of-mass energy  $\sqrt{s} = 8 \text{ TeV}$  is presented.

Events where either both top quarks decay leptonically (dileptonic), or one top quark decays leptonically and the other hadronically (semi-leptonic) are considered. The semi-leptonic channel is split into a boosted analysis, where the top decay products overlap in the detector, and a resolved analysis, where the top decay products are well-separated in the detector.

All analyses fully reconstruct the  $t\bar{t}$  system and apply an unfolding procedure to estimate  $A_C$  at the parton level.

All measurements are consistent with Standard Model predictions.

### Oral or Poster Presentation

Oral

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