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Measurement of $t\bar{t}$ and single top production cross sections in CMS

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Recent measurements of top quark pair production inclusive and differential cross sections are presented using the data collected by the CMS detector. The differential cross sections are measured multi-differentially as a function of various kinematic observables of top quarks, jets, leptons of the event final state. Results are compared to precise theory calculations, among them also MINNLO+PS for the first time.

In-person participation

Yes

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