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## Recent results on top quark physics from CMS

*Thursday 11 September 2025 16:23 (22 minutes)*

Top quark physics plays a central role in the LHC physics program, offering unique sensitivity to the Standard Model and potential new physics through precision measurements and rare processes. This talk will present recent results on top quark production and properties, with an emphasis on QCD aspects such as cross sections, differential measurements, and modeling improvements. Highlights will include new analyses and comparisons to state-of-the-art theoretical predictions.

### Track

6: Heavy Quarks (including top and flavour physics)

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**Session Classification:** Heavy Quarks (including top and flavour physics)