

# DIS2023: XXX International Workshop on Deep-Inelastic Scattering and Related Subjects



Contribution ID: 319

Type: **Plenary talk**

## Top Quark Physics at the LHC

*Monday 27 March 2023 14:45 (30 minutes)*

Thanks to the high center-of-mass energy of the LHC, millions of top quarks have been produced and recorded, allow us to study the top quark related observables with a high precision. Deviations between theory predictions and experimental measurements in the top quark sector might indicate the first hints for new physics. This presentation focuses on the recent measurements at ATLAS and CMS experiments, including an overview of measurements of top quark productions, top quark mass and properties, and searches for the rare decays.

**Participate in poster competition?**

**Submitted on behalf of a Collaboration?**

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**Session Classification:** Plenaries

**Track Classification:** Plenary sessions