Contribution ID: **95** Type: **not specified**

Latest New Physics Searches using Top Quarks at ATLAS

Monday 19 May 2025 16:30 (15 minutes)

As the heaviest known fundamental particle, the top quark plays a pivotal role in the search for new physics. Many beyond-the-Standard-Model theories predict interactions between the top quark and yet undiscovered particles. With the LHC becoming a top quark factory, it offers unprecedented opportunities to study top quark properties and explore potential signs of new physics. In this talk, the latest ATLAS results from searches for new physics with top quarks will be highlighted.

Mini Symposia (Invited Talks Only)

Plenary (Invited talks only)

Author: QIAN, Rongqian (Michigan State University (US))

Presenter: QIAN, Rongqian (Michigan State University (US))

Session Classification: Electroweak

Track Classification: Electroweak, Higgs, and Top Quark Physics