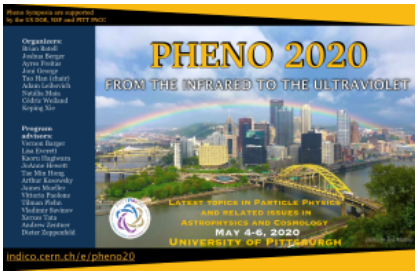

Contribution ID: **1008** Type: **Parallel Talk**

Measurement of rare top-quark production processes with the ATLAS detector

Tuesday, 5 May 2020 15:00 (15 minutes)

The top quark is the heaviest elementary particle in Standard Model. Measurements involving top quarks in their final states provide precision tests of the Standard Model and are also sensitive to new physics at the high-energy frontier. The latest cross-section measurements of rare processes with top quarks (tZq, ttX, 4top production) are presented here using 13 TeV proton-proton collisions recorded by the ATLAS detectors at the Large Hadron Collider at CERN. The measured values are compared to the most accurate theoretical calculations.

Summary

Primary author: ZHENG, Zhi (University of Michigan (US))

Presenter: ZHENG, Zhi (University of Michigan (US))

Session Classification: Top

Track Classification: Top