Contribution ID: **274** Type: **Poster**

The ATLAS Electron and Photon Trigger

Friday 6 July 2018 20:15 (15 minutes)

ATLAS electron and photon triggers covering transverse energies from 5 GeV to several TeV are essential to record signals for a wide variety of physics: from Standard Model processes to searches for new phenomena. To cope with ever increasing luminosity and more challenging pile-up conditions at a centre-of-mass energy of 13 TeV, the trigger selections need to be optimized to control the rates and keep efficiencies high. The ATLAS electron and photon trigger evolution throughout the Run 2 will be presented, including new techniques developed to maintain their high performance even in high pile-up conditions as well as first efficiency measurements from the 2018 data taking.

Authors: ATLAS COLLABORATION; PODBEREZKO, Pavel (Budker Institute of Nuclear Physics (RU))

Presenter: PODBEREZKO, Pavel (Budker Institute of Nuclear Physics (RU))

Session Classification: POSTER

Track Classification: Computing and Data Handling