31st International Symposium on Lepton Photon Interactions at High Energies



Contribution ID: 145 Type: Talk

Searches for new physics in CMS in events with jets, leptons and photons in the final state

Wednesday 19 July 2023 10:00 (15 minutes)

Many new physics models, e.g., compositeness, extra dimensions, extended Higgs sectors, supersymmetric theories, and dark sector extensions, are expected to manifest themselves in the final states with leptons and photons. This talk presents searches in CMS for new phenomena in the final states that include leptons and photons, focusing on the recent results obtained using the full Run-II data-set collected at the LHC.

Primary author: HART, Andrew Evan (Rutgers State Univ. of New Jersey (US))

Presenter: HART, Andrew Evan (Rutgers State Univ. of New Jersey (US))

Session Classification: BSM

Track Classification: Beyond the Standard Model