Contribution ID: **37** Type: **not specified**

Standard Model and Higgs physics

Thursday 28 June 2018 09:40 (25 minutes)

The Large Hadron Collider at CERN has raised its collision energy, and collision rate, since the discovery of the Higgs boson in 2012. This provides a huge, rapidly growing, data sample enabling increasingly sophisticated studies of the Higgs boson, including of its production and decay, from which the couplings to the other Standard Model particles can be inferred. The large data sample also allows new high statistics studies of the electroweak gauge bosons. Selected key results in these areas from the ATLAS and CMS experiments are discussed in this talk.

Presenter: CHARLTON, Dave (University of Birmingham (GB))

Session Classification: Nuclear and Particle physics