

## W/Z results from CMS (20+10min)

*Friday, 4 September 2015 14:30 (30 minutes)*

The production of W and Z bosons is studied in pp collisions at a center-of-mass energy of 8 TeV using data collected in the CMS experiment. W events are selected containing an isolated, energetic electron or muon. Z events are selected containing a pair of isolated, energetic electrons or muons. Data-driven methods are used to estimate reconstruction and triggering efficiencies, and well as the main backgrounds. We present recent results on W/Z production cross sections, discuss the measurements of the lepton charge asymmetry in W events, forward-backward asymmetry in the Drell-Yan process.

**Primary author:** GOERLACH, Ulrich (Institut Pluridisciplinaire Hubert Curien (FR))

**Presenter:** LAWHORN, Jay (California Institute of Technology (US))

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