



Contribution ID: 157

Type: **not specified**

Measurement of diboson production with the ATLAS detector

ATLAS measurements of diboson production processes involving combinations of W, Z and isolated photons are summarized. Measurements using data at 7 TeV as well as new results using data at 8 TeV are presented. The measurements are performed using leptonic decay modes, including the invisible decay $Z \rightarrow \nu\nu$, as well as semileptonic channels. Differential and total visible cross sections are presented and are used to place constraints on anomalous triple-gauge boson couplings. An overview of these results is given.

Primary author: FERRARI, Pamela (NIKHEF (NL))

Presenter: FERRARI, Pamela (NIKHEF (NL))