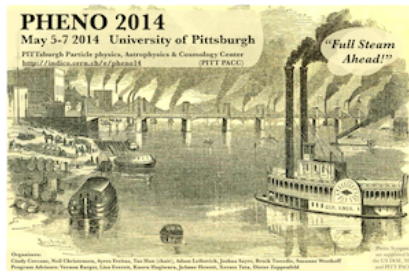


# Phenomenology 2014 Symposium



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## Recent electroweak results from ATLAS

*Tuesday, 6 May 2014 14:45 (15 minutes)*

ATLAS measurements of diboson production processes involving combinations of W/Z, vector boson scattering (VBS), as well as single  $Z \rightarrow 4l$  are summarized. Measurements using data at 7 TeV and new results at 8 TeV are presented. The measurements are performed using leptonic decay modes for di-boson production, including  $Z \rightarrow \nu\nu$  for ZZ with semileptonic channels. VBS measurement is performed using final states with leptons plus two forward jets. 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.

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**Session Classification:** Electroweak +