



# LHC Seminar

**SPEAKER:** Anja Vest (Technische Universitaet Dresden (DE))

**TITLE:** **Electroweak measurements with the ATLAS detector**

**DATE:** Tue 24/06/2014 11:00

**PLACE:** Main Auditorium

## ABSTRACT

The seminar presents an overview of the ATLAS electroweak physics programme. Recent measurements of di-boson and multi-boson production processes involving combinations of W, Z and isolated photons, associated with up to two jets, at 8 TeV proton-proton collisions are discussed. Inclusive, fiducial and differential production cross sections are presented, including vector-boson fusion and vector-boson scattering processes. These measurements allow to derive constraints on anomalous triple and quartic gauge couplings.