



# LHC Seminar

**SPEAKER:** Dr. Christina Jane Potter (University of Sussex (GB))

**TITLE:** **Supersymmetry searches with ATLAS: overview and latest results**

**DATE:** Tue 15/10/2013 11:00

**PLACE:** Council Chamber

## **ABSTRACT**

Despite the absence of experimental evidence, weak scale supersymmetry remains one of the best motivated and studied Standard Model extensions. The ATLAS experiment searches for signs of supersymmetry in a large variety of signatures involving events with abnormal production of missing transverse momentum, jets, leptons, photons, third generation fermions, gauge bosons or massive long-lived particles. The talk presents the latest results obtained in these searches.