



LHC Seminar

SPEAKER: Andrew Haas (New York University)
TITLE: **Run-1 Searches for Beyond-SM Physics with the ATLAS Experiment**
DATE: Tue 21/04/2015 11:00
PLACE: Main Auditorium

ABSTRACT

As excitement grows for the upcoming start of Run 2 of the LHC, we review the ATLAS searches for physics beyond the SM from Run 1 and present new analyses. These searches have covered a wide range of new physics scenarios including Supersymmetry, other top partners, new resonances, additional Higgs bosons, new Higgs boson decays, new hidden sectors, other dark-matter, and multi-charged particles - just to name a few. In addition to reviewing some of the techniques that made the analyses possible, we will summarize what we have learned from the results.