



# Joint EP/PP/LPCC seminars

SPEAKER: Monica D'Onofrio (University of Liverpool)  
TITLE: **SUSY searches at the LHC with the ATLAS experiment**  
DATE: Tue 08/03/2011 11:00  
PLACE: Council Chamber

## ABSTRACT

First ATLAS searches for signals of Supersymmetry in proton-proton collisions at the LHC are presented.

These searches are performed in various channels containing different lepton and jet multiplicities in the final states; the full data sample recorded in the 2010 LHC run, corresponding to an integrated luminosity of 35 pb<sup>-1</sup>, has been analysed. Limits on squarks and gluinos are the most stringent to date.