



LHC Seminar

SPEAKER: Kalliopi Iordanidou
TITLE: **First ATLAS Search Results with 140 fb-1**
DATE: 19 Mar 2019, 11:00
PLACE: 503-1-001 - Council Chamber

ABSTRACT

New ATLAS results using the full Run 2 dataset will be presented. The emphasis will be given to searches for massive particles. In addition to benefitting from the larger dataset, the discovery potential of these analyses has been improved by developing novel object tagging techniques, by exploiting the detector performance in the context of extreme kinematic regimes, and by using improved background estimation methods.