



SPEAKER: **BOTTA, C. (CERN)**
TITLE: **New searches for supersymmetry in electroweak production with CMS**
DATE: Tue 04/04/2017 11:00
PLACE: 222-R-001 - Filtration Plant

ABSTRACT

The large set of proton-proton collision data recorded in 2016 at a centre-of-mass energy of 13 TeV is the basis for first results on electroweak production of supersymmetric particles in LHC Run 2. CMS results on the production of chargino / neutralino pairs are presented based on the analysis of final states with one or more leptons and interpreted under several assumptions for the decay modes of the electroweak gauginos.