

Antonella
Succurro

Probing new physics at the LHC: searches for
heavy top-like quarks with the ATLAS experiment



supervisor

Prof. Aurelio Juste Rozas

tutor

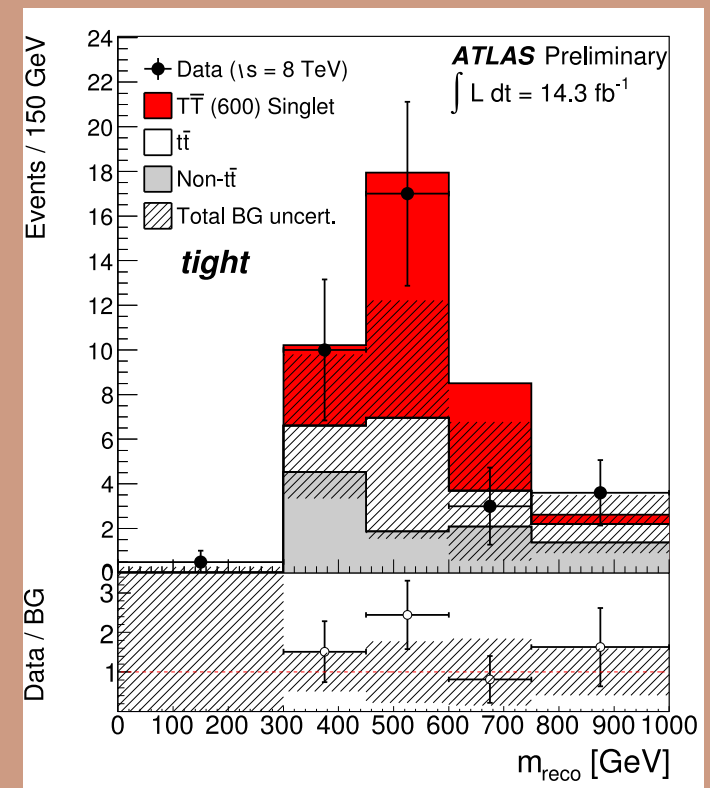
Prof. María Pilar Casado Lechuga

commission members

Prof. Tobias Golling

Prof. Manel Martínez Rodríguez

Prof. José Santiago Pérez



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a dissertation

by

Antonella Succurro

PhD candidate in Physics

Universitat Autònoma de Barcelona

Institut de Física d'Altes Energies