



Contribution ID: 12

Type: Oral Presentation

Search for low-mass pair-produced dijet resonances using jet substructure techniques in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$

Tuesday, June 6, 2017 1:45 PM (15 minutes)

We present a search for low mass paired dijet resonances using jet substructure techniques. This search uses data from proton-proton collisions at a center-of-mass energy of 13-TeV, recorded by the CMS detector at the LHC. Limits at 95% confidence level are set on the production of top squarks decaying to two quarks in the framework of R-parity violating supersymmetry.

Primary authors: Prof. HALKIADAKIS, Eva (Rutgers University); Ms SOMALWAR, Jean (Rutgers University)

Presenter: Ms SOMALWAR, Jean (Rutgers University)

Session Classification: Collider Physics