



Contribution ID: 258

Type: **not specified**

Searches for physics beyond the standard model with top quarks at CMS

Thursday, March 29, 2012 9:54 AM (18 minutes)

Several searches of physics beyond the standard model involving top quarks in the final state are presented. These searches encompass top decays in FCNC channels, resonances decaying in $t\bar{t}$ final states, new heavy quarks decaying to top quarks, production of same-sign quarks, and recent tests of various new physics models.

Primary author: MEYER, Arnd (Rheinisch-Westfaelische Tech. Hoch. (DE))

Presenter: BAZTERRA, Victor Eduardo (University of Illinois at Chicago (US))

Session Classification: Combined: Electroweak and searches/heavy flavours

Track Classification: Electroweak and searches/heavy flavours