

ICHEP 2016 Chicago



**38th INTERNATIONAL CONFERENCE
ON HIGH ENERGY PHYSICS**

AUGUST 3 - 10, 2016
CHICAGO

Contribution ID: 585

Type: **Oral Presentation**

Multiboson production in final states with W and Z decays at CMS (15' + 5')

Friday, 5 August 2016 09:50 (20 minutes)

We present studies of diboson production in pp collisions based on data recorded by the CMS detector at the LHC. These include precise measurements the production cross section of these processes at center-of-mass energies of 7, 8 and 13 TeV . The decay modes of the W and Z bosons are used. The results are interpreted in terms of constraints on anomalous triple and quartic gauge couplings.

Presenter: COELHO LOPES DE SA, Rafael (Fermi National Accelerator Lab. (US))

Session Classification: Top Quark and Electroweak Physics

Track Classification: Top Quark and Electroweak Physics