

# VBF Higgs to Invisible - Run 2 Trigger Studies

J. Pela, J. Brooke

Imperial College London

2014-05-12



# Today's presentation

## Topics



In order to using the Stage 1 emulator several changes are necessary

## Moving to Stage 1 Emulator

- Move from SLC5 to SLC6
- New CMSSW version: CMSSW\_7\_2\_0\_pre5
- Implies rerunning L1 Emulator over CMSSW\_6\_2\_5 TSG samples

## What is different for us?

- New jet clustering algorithm.
- Higher trigger tower thresholds (lower efficiency for low  $p_{\perp}$  jets).
- PU subtraction.

Code setup receipts on backup slides for documentation

## Summary:



## Next Steps:



## Backup Slides

