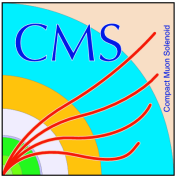


EWK LHC wg meeting

October 24, 2016

CMS: Senka Duric (U. Wisconsin), Josh Kunkle (U. Maryland)
ATLAS: Vasiliki Kouskoura (BNL), Yusheng Wu (U. Michigan)



Today's agenda



16:00 → 16:10 **Introduction**

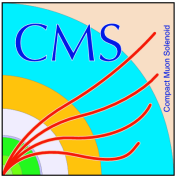
Speakers: Joshua Milo Kunkle (University of Maryland (US)), Senka Duric (University of Wisconsin-Madison (US)), Vasiliki Kouskoura (Brookhaven National Laboratory (US)), Yusheng Wu (University of Michigan; Institute of Physics, Academia Sinica)

16:10 → 16:40 **Some recent theory developments related to doubly resonant W boson production**

Speaker: Michael Robert Trott (University of Copenhagen (DK))

16:40 → 17:10 **Anomalous Triple Gauge Couplings in the Effective Field Theory Approach at the LHC**

Speaker: David Marzocca (University of Zurich)



Future discussions



Next meetings (November 7 and November 21):

- aQGC and neutral TGC parametrizations
 - How to harmonize approaches between ATLAS and CMS
 - Recommendations from theory community
- Follow-up discussion on the idea to apply s -hat cut-off for anomalous coupling measurements
 - Adding additional nuisance?
- Anomalous couplings Run2 recommendation documents

Future meetings:

- Diboson channel synchronization between ATLAS and CMS: theory predictions, fiducial definitions...
- Summary plots ATLAS+CMS
- Future ATLAS+CMS combinations

Future workshop (~January):

- On the possibilities to use Pseudo-Observables for anomalous coupling measurements at LHC Run2



Backup

