

# **HL/HE-LHC WG1 Meeting – Top physics**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **4 tops cross section (ATLAS)**

*Wednesday 28 February 2018 09:40 (5 minutes)*

**Presenter:** DELIOT, Frederic (Université Paris-Saclay (FR))

**Session Classification:** Top Cross Section

Contribution ID: 2

Type: **not specified**

## **s-channel cross section (ATLAS)**

*Wednesday 28 February 2018 10:30 (5 minutes)*

**Presenter:** FINELLI, Kevin (Boston University (US))

**Session Classification:** Top Cross Section

Contribution ID: 3

Type: **not specified**

## **tZq cross-section (ATLAS)**

*Wednesday 28 February 2018 09:50 (5 minutes)*

**Presenter:** CIOARA, Irina Antonela (University of Bonn (DE))

**Session Classification:** Top Cross Section

Contribution ID: 4

Type: **not specified**

## **cross section (LHCB)**

*Wednesday 28 February 2018 10:00 (5 minutes)*

**Presenter:** FARRY, Stephen (University of Liverpool (GB))

**Session Classification:** Top Cross Section

Contribution ID: 5

Type: **not specified**

## **tt differential xs resolved (CMS)**

*Wednesday 28 February 2018 10:10 (5 minutes)*

**Presenter:** HINDRICHS, Otto Heinz (University of Rochester (US))

**Session Classification:** Top Cross Section

Contribution ID: 6

Type: **not specified**

## **single top differential resolved (CMS)**

*Wednesday 28 February 2018 10:20 (5 minutes)*

**Presenter:** KOMM, Matthias (Imperial College (GB))

**Session Classification:** Top Cross Section

Contribution ID: 7

Type: **not specified**

## Discussion

*Wednesday 28 February 2018 10:40 (15 minutes)*

**Session Classification:** Top Cross Section



Contribution ID: 8

Type: **not specified**

## **Dead cone (ATLAS)**

*Wednesday 28 February 2018 11:05 (5 minutes)*

**Presenters:** Mr RAWLING, Jacob Henry (University of Manchester (GB)); HOWARTH, James William (University of Manchester (GB))

**Session Classification:** Top Properties

Contribution ID: 9

Type: **not specified**

## Charge asymmetry (ATLAS)

*Wednesday 28 February 2018 11:15 (5 minutes)*

**Presenter:** VOS, Marcel (IFIC Valencia (ES))

**Session Classification:** Top Properties

Contribution ID: **10**

Type: **not specified**

## **Spin correlations (ATLAS)**

*Wednesday 28 February 2018 11:25 (5 minutes)*

**Presenters:** HOWARTH, James (University of Manchester-Unknown-Unknown); HOWARTH, James William (University of Manchester (GB))

**Session Classification:** Top Properties

Contribution ID: 12

Type: **not specified**

## Discussion

*Wednesday 28 February 2018 11:45 (15 minutes)*

**Session Classification:** Top Properties

Contribution ID: 13

Type: **not specified**

## **Wtb anomalous coupling (ATLAS)**

*Wednesday 28 February 2018 13:50 (5 minutes)*

**Presenters:** ONOFRE, Antonio (LIP); ONOFRE, Antonio (LIP/Universidade do Minho)

**Session Classification:** Top Couplings

Contribution ID: 14

Type: **not specified**

## **ttgamma (ATLAS)**

*Wednesday 28 February 2018 14:00 (5 minutes)*

**Presenters:** LI, Yichen (Universitaet Siegen (DE)); LI, yichen (Nanjing University)

**Session Classification:** Top Couplings

Contribution ID: 15

Type: **not specified**

## **ttV (ATLAS)**

*Wednesday 28 February 2018 14:10 (5 minutes)*

**Presenter:** MORENO LLACER, Maria (CERN)

**Session Classification:** Top Couplings

Contribution ID: 17

Type: **not specified**

## **$t\bar{t}V/VV$ anomalous couplings (CMS)**

*Wednesday 28 February 2018 14:20 (5 minutes)*

**Presenter:** SCHOEFBECK, Robert (Austrian Academy of Sciences (AT))

**Session Classification:** Top Couplings



Contribution ID: **18**

Type: **not specified**

## **Discussion**

*Wednesday 28 February 2018 14:30 (15 minutes)*

**Session Classification:** Top Couplings

Contribution ID: **19**

Type: **not specified**

## **top->J/psi mass (ATLAS)**

*Wednesday 28 February 2018 15:15 (5 minutes)*

**Presenter:** DERUE, Frederic (Centre National de la Recherche Scientifique (FR))

**Session Classification:** Top Mass

Contribution ID: 20

Type: **not specified**

## Top mass (CMS)

*Wednesday 28 February 2018 15:25 (5 minutes)*

**Presenter:** KIESELER, Jan (CERN)

**Session Classification:** Top Mass

Contribution ID: 22

Type: **not specified**

## Discussion

*Wednesday 28 February 2018 15:35 (15 minutes)*

**Session Classification:** Top Mass

Contribution ID: 23

Type: **not specified**

## FCNC $t \rightarrow qZ$ (ATLAS)

*Wednesday 28 February 2018 16:00 (5 minutes)*

**Presenter:** DURGLISHVILI, Archil (Tbilisi State University (GE))

**Session Classification:** FCNC

Contribution ID: 25

Type: **not specified**

## **FCNC tqg (ATLAS)**

*Wednesday 28 February 2018 16:50 (5 minutes)*

**Presenter:** HIRSCHBUEHL, Dominic (Bergische Universitaet Wuppertal (DE))

**Session Classification:** FCNC

Contribution ID: 27

Type: **not specified**

## **FCNC tqg (CMS)**

*Wednesday 28 February 2018 16:10 (5 minutes)*

**Presenter:** DUDKO, Lev (M.V. Lomonosov Moscow State University (RU))

**Session Classification:** FCNC

Contribution ID: 28

Type: **not specified**

## FCNC tqgamma (CMS)

*Wednesday 28 February 2018 16:20 (5 minutes)*

**Presenter:** MANDRIK, Petr (Institute for High Energy Physics (RU))

**Session Classification:** FCNC



Contribution ID: 29

Type: **not specified**

## **FCNC tcH (CMS)**

*Wednesday 28 February 2018 16:30 (5 minutes)*

**Presenter:** SKOVPEN, Kirill (Vrije Universiteit Brussel (BE))

**Session Classification:** FCNC

Contribution ID: **30**

Type: **not specified**

## **Discussion**

*Wednesday 28 February 2018 17:00 (15 minutes)*

**Session Classification:** FCNC

Contribution ID: 31

Type: **not specified**

## **EW corrections in $t\bar{t}$ , $t\bar{t}$ H/W/Z, 4 top**

*Wednesday 28 February 2018 09:30 (5 minutes)*

**Presenter:** ZARO, Marco (Nikhef National institute for subatomic physics (NL))

**Session Classification:** Top Cross Section

Contribution ID: 32

Type: **not specified**

## Effective Field Theory

*Wednesday 28 February 2018 13:35 (10 minutes)*

**Presenters:** VRYONIDOU, Eleni (CERN); VRYONIDOU, Eleni (Universite catholique de Louvain)

**Session Classification:** Top Couplings

Contribution ID: 33

Type: **not specified**

## Top Mass from gamma-gamma spectrum

*Wednesday 28 February 2018 15:00 (10 minutes)*

**Presenter:** YOKOYA, Hiroshi (KIAS, QUC)

**Session Classification:** Top Mass

Contribution ID: **34**

Type: **not specified**

## **Introduction**

*Wednesday 28 February 2018 09:00 (15 minutes)*

**Presenter:** AZZI, Patrizia (INFN Padova (IT))

Contribution ID: 35

Type: **not specified**

## **FCNC $t\gamma$ - $tZ$ combination for constraining EFT**

*Wednesday 28 February 2018 16:40 (5 minutes)*

**Presenter:** ANDREA, Jeremy (Institut Pluridisciplinaire Hubert Curien (FR))

**Session Classification:** FCNC

Contribution ID: 36

Type: **not specified**

## $t\bar{t}$ asymmetries (CMS)

*Wednesday 28 February 2018 11:35 (5 minutes)*

**Presenters:** GIAMMANCO, Andrea (Universite Catholique de Louvain (UCL) (BE)); KIESELER, Jan (CERN); DAVID, Pieter (Universite Catholique de Louvain (UCL) (BE))

**Session Classification:** Top Properties