

# **TOP 2014 - 7th International Workshop on Top-Quark Physics**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Welcome

*Monday, September 29, 2014 9:00 AM (10 minutes)*

**Presenter:** DELIOT, Frederic (CEA-Saclay)

**Session Classification:** Session 1: Welcome and keynote

Contribution ID: 1

Type: **not specified**

## Theoretical Keynote

*Monday, September 29, 2014 9:10 AM (40 minutes)*

**Presenter:** KRAUSS, Frank (University of Durham)

**Session Classification:** Session 1: Welcome and keynote

Contribution ID: 2

Type: **not specified**

## **Latest developments in generators and NNLO computations**

*Monday, September 29, 2014 10:30 AM (20 minutes)*

**Presenter:** CZAKON, Michal (RWTH Aachen)

**Session Classification:** Session 2: ttbar cross section: theory and experimental results

Contribution ID: 3

Type: **not specified**

## **Inclusive top pair cross section results at the Tevatron**

*Monday, September 29, 2014 11:00 AM (20 minutes)*

**Presenter:** SHABALINA, Elizaveta (Georg-August-Universität Göttingen)

**Session Classification:** Session 2: ttbar cross section: theory and experimental results

Contribution ID: 4

Type: **not specified**

## **Inclusive top pair cross section results at the LHC**

*Monday, September 29, 2014 11:30 AM (20 minutes)*

**Presenter:** BROCHERO CIFUENTES, Javier (Universidad de Cantabria)

**Session Classification:** Session 2:  $t\bar{t}$  cross section: theory and experimental results

Contribution ID: 5

Type: **not specified**

**lunch**

Contribution ID: 6

Type: **not specified**

## **Single top computations and generation tools**

*Monday, September 29, 2014 2:00 PM (30 minutes)*

**Presenter:** CAOLA, Fabrizio (Johns Hopkins University)

**Session Classification:** Session 3: single top cross section: theory and experimental results



Contribution ID: 7

Type: **not specified**

## Single top measurements at the LHC

*Monday, September 29, 2014 2:45 PM (30 minutes)*

**Presenter:** JAFARI, Abideh (Université Catholique de Louvain)

**Session Classification:** Session 3: single top cross section: theory and experimental results

Contribution ID: 8

Type: **not specified**

## Single top measurements at the Tevatron

*Monday, September 29, 2014 3:30 PM (20 minutes)*

**Presenter:** RONZANI, Manfredi (Albert-Ludwigs Universitaet Freiburg)

**Session Classification:** Session 3: single top cross section: theory and experimental results

Contribution ID: 9

Type: **not specified**

## **Latest results on differential cross sections at the LHC and Tevatron (measurements as a function of kinematics variables)**

*Monday, September 29, 2014 4:30 PM (20 minutes)*

**Presenter:** DIEZ PARDOS, Carmen (DESY)

**Session Classification:** Session 4: differential cross sections

Contribution ID: 10

Type: **not specified**

## **Latest results on differential cross sections at the LHC and Tevatron (measurements oriented to final state objects: gap fraction, vs njets, ...)**

*Monday, September 29, 2014 5:00 PM (20 minutes)*

**Presenter:** KATZY, Judith (DESY)

**Session Classification:** Session 4: differential cross sections

Contribution ID: **11**

Type: **not specified**

## **WbWb at NLO**

*Monday, September 29, 2014 5:30 PM (20 minutes)*

**Presenter:** WINTER, Jan (MPI Munich)

**Session Classification:** Session 4: differential cross sections

Contribution ID: 12

Type: **not specified**

## **Summary of theoretical workshop on differential distributions and recent developments**

*Monday, September 29, 2014 6:00 PM (20 minutes)*

**Presenter:** MITOV, Alexander (University of Cambridge)

**Session Classification:** Session 4: differential cross sections

Contribution ID: 13

Type: **not specified**

## **Top quark properties: a theoretical overview**

*Tuesday, September 30, 2014 9:00 AM (30 minutes)*

**Presenter:** AGUILAR SAAVEDRA, Juan Antonio (Universidad de Granada)

**Session Classification:** Session 5: properties (spin, asymmetries)

Contribution ID: 14

Type: **not specified**

## **Top quark properties at the Tevatron**

*Tuesday, September 30, 2014 9:40 AM (25 minutes)*

**Presenter:** JUNG, Andreas (Fermilab)

**Session Classification:** Session 5: properties (spin, asymmetries)



Contribution ID: 15

Type: **not specified**

## **Top quark properties at the LHC**

*Tuesday, September 30, 2014 10:15 AM (25 minutes)*

**Presenter:** HAWKINGS, Richard (CERN)

**Session Classification:** Session 5: properties (spin, asymmetries)

Contribution ID: 16

Type: **not specified**

## **Top mass standard reconstruction at the Tevatron**

*Tuesday, September 30, 2014 11:30 AM (20 minutes)*

**Presenter:** SHARYY, Slava (CEA-Saclay)

**Session Classification:** Session 6: mass: theory and experimental results

Contribution ID: 17

Type: **not specified**

## **Top mass standard reconstruction at the LHC**

*Tuesday, September 30, 2014 12:00 PM (30 minutes)*

**Presenter:** SCHLIECKAU, Eike (University of Hamburg)

**Session Classification:** Session 6: mass: theory and experimental results

Contribution ID: **18**

Type: **not specified**

## **Top mass: interpretation and theoretical uncertainties (move to Wednesday)**

*Tuesday, September 30, 2014 2:00 PM (20 minutes)*

**Presenter:** HOANG, Andre (University of Vienna)

**Session Classification:** Session 6': mass: theory and experimental results

Contribution ID: **19**

Type: **not specified**

## **Top mass measurements: new techniques**

*Tuesday, September 30, 2014 2:30 PM (20 minutes)*

**Presenter:** ADOMEIT, Stefanie (Ludwig-Maximilians-Universität München)

**Session Classification:** Session 6': mass: theory and experimental results

Contribution ID: 20

Type: **not specified**

## **Experimental systematic uncertainties (and object reconstruction) on top physics**

*Tuesday, September 30, 2014 2:30 PM (30 minutes)*

**Presenter:** COSTA, Maria (IFIC Valencia)

**Session Classification:** Session 7: combinations: tools, methods and systematic comparison

Contribution ID: 21

Type: **not specified**

## **theoretical systematic uncertainties (and background modelling) on top physics**

*Tuesday, September 30, 2014 3:45 PM (30 minutes)*

**Presenter:** SEIDEL, Markus (University of Hamburg)

**Session Classification:** Session 7':combinations: tools, methods and systematic comparison

Contribution ID: 22

Type: **not specified**

## **Review of recent LHC combination**

*Wednesday, October 1, 2014 9:00 AM (20 minutes)*

**Presenter:** CORTIANA, Giorgio (Max-Planck-Institut fuer Physik)

**Session Classification:** Session 7": combinations: tools, methods and systematic comparison



Contribution ID: 23

Type: **not specified**

## **Review of recent Tevatron and world mass combinations**

*Wednesday, October 1, 2014 9:30 AM (20 minutes)*

**Presenter:** PETERS, Yvonne (Manchester University)

**Session Classification:** Session 7": combinations: tools, methods and systematic comparison

Contribution ID: 24

Type: **not specified**

## **Boosted top: tools overview and theoretical developments**

*Wednesday, October 1, 2014 10:50 AM (30 minutes)*

**Presenter:** BACKOVIC, Mihailo (Weizmann Institute of Science)

**Session Classification:** Session 8: boosted tops

Contribution ID: 25

Type: **not specified**

## **Boosted top: experimental tools overview**

*Wednesday, October 1, 2014 11:35 AM (20 minutes)*

**Presenter:** USAI, Emanuele (University of Hamburg)

**Session Classification:** Session 8: boosted tops

Contribution ID: 26

Type: **not specified**

## **Experimental results in the boosted regime**

*Wednesday, October 1, 2014 12:05 PM (20 minutes)*

**Presenter:** ERDMANN, Johannes (TU Dortmund)

**Session Classification:** Session 8: boosted tops

Contribution ID: 27

Type: **not specified**

## **Experimental results on $t\bar{t}+W/Z/\gamma$ and SM top couplings**

*Thursday, October 2, 2014 9:00 AM (20 minutes)*

**Presenter:** VAZQUEZ SCHROEDER, Tamara (Georg-August-Universität Göttingen)

**Session Classification:** Session 9: properties and NP

Contribution ID: 28

Type: **not specified**

## **Search for FCNC in top production and decays (including FCNC tHq)**

*Thursday, October 2, 2014 9:30 AM (20 minutes)*

**Presenter:** GOLDOUZIAN, Reza (Institute for Research in Fundamental Sciences)

**Session Classification:** Session 9: properties and NP

Contribution ID: 29

Type: **not specified**

## **Top couplings and new physics: theoretical overview and developments**

*Thursday, October 2, 2014 10:00 AM (30 minutes)*

**Presenter:** ZHANG, Cen (Université catholique de Louvain)

**Session Classification:** Session 9: properties and NP

Contribution ID: **30**

Type: **not specified**

## **theoretical overview on $t(t)H$**

*Thursday, October 2, 2014 11:15 AM (30 minutes)*

**Presenter:** DELAUNAY, Cédric (LAPTh)

**Session Classification:** Session 10: top and Higgs



Contribution ID: **31**

Type: **not specified**

## **Experimental searches for ttH**

*Thursday, October 2, 2014 11:55 AM (25 minutes)*

**Presenter:** OWEN, Mark (University of Manchester)

**Session Classification:** Session 10: top and Higgs

Contribution ID: 32

Type: **not specified**

## Experimental searches for tHq

*Thursday, October 2, 2014 2:00 PM (20 minutes)*

**Presenter:** BÖSER, Christian (KIT)

**Session Classification:** Session 10': top and Higgs

Contribution ID: 33

Type: **not specified**

## **Top and SUSY: a theoretical point of view**

*Thursday, October 2, 2014 2:30 PM (30 minutes)*

**Presenter:** KATS, Yevgeny (Weizmann Institute of Science)

**Session Classification:** Session 11: top and SUSY/Exotics

Contribution ID: 34

Type: **not specified**

## **Experimental results on SUSY searches with top**

*Thursday, October 2, 2014 3:10 PM (30 minutes)*

**Presenter:** EIFERT, Till (SLAC)

**Session Classification:** Session 11: top and SUSY/Exotics

Contribution ID: 35

Type: **not specified**

## **Top and exotic models: theoretical overview (not SUSY)**

*Thursday, October 2, 2014 4:20 PM (30 minutes)*

**Presenter:** CAO, Qing-Hong (Peking University)

**Session Classification:** Session 11': top and SUSY/Exotics

Contribution ID: 36

Type: **not specified**

## **Experimental results on top exotic searches (not SUSY) with top**

*Thursday, October 2, 2014 5:00 PM (30 minutes)*

**Presenter:** CANELLI, Florencia (Universität Zürich)

**Session Classification:** Session 11': top and SUSY/Exotics

Contribution ID: 37

Type: **not specified**

## **Perspectives for 13 TeV and HLLHC in ATLAS and CMS**

*Thursday, October 2, 2014 5:40 PM (30 minutes)*

**Presenter:** VIEIRA DE CASTRO FERREIRA DA SILVA, Pedro (CERN)

**Session Classification:** Session 12: Perspectives

Contribution ID: **38**

Type: **not specified**

## **New generators (including future developments on EW correction to top) for the HL-LHC**

*Thursday, October 2, 2014 6:20 PM (30 minutes)*

**Presenter:** POZZORINI, Stefano (University of Zurich)

**Session Classification:** Session 12: Perspectives



Contribution ID: 39

Type: **not specified**

## **Perspective for top physics at the ILC**

*Friday, October 3, 2014 9:00 AM (20 minutes)*

**Presenter:** SIMON, Frank (MPI Munich)

**Session Classification:** Session 12': Perspectives

Contribution ID: 40

Type: **not specified**

## **Perspective for top physics at the FCC**

*Friday, October 3, 2014 9:30 AM (20 minutes)*

**Presenter:** FUKS, Benjamin (IPHC Strasbourg)

**Session Classification:** Session 12': Perspectives

Contribution ID: 41

Type: **not specified**

## **organization of Top2015**

Contribution ID: 42

Type: **not specified**

## Theory summary

*Friday, October 3, 2014 10:25 AM (40 minutes)*

**Presenter:** TAIT, Tim M.P. (University of California, Irvine)

**Session Classification:** Session 13: Summary

Contribution ID: 43

Type: **not specified**

## Experimental summary

*Friday, October 3, 2014 11:05 AM (40 minutes)*

**Presenter:** SCHWANENBERGER, Christian (University of Manchester)

**Session Classification:** Session 13: Summary

Contribution ID: 44

Type: **not specified**

## **organization of Top2015**

*Friday, October 3, 2014 10:00 AM (10 minutes)*

**Session Classification:** organization of Top2015

Contribution ID: 45

Type: **not specified**

## **Top mass: interpretation and theoretical uncertainties (from Tuesday)**

*Wednesday, October 1, 2014 10:00 AM (20 minutes)*

**Presenter:** HOANG, Andre (University of Vienna)

**Session Classification:** Session 7": combinations: tools, methods and systematic comparison

Contribution ID: 46

Type: **not specified**

## Excursion instructions

*Wednesday, October 1, 2014 8:50 AM (10 minutes)*

**Presenter:** DELIOT, Frederic (CEA-Saclay)



Contribution ID: 47

Type: **not specified**

## Departure information

*Thursday, October 2, 2014 12:30 PM (10 minutes)*

**Presenter:** DELIOT, Frederic (CEA-Saclay)

Contribution ID: 48

Type: **not specified**

## Departure information

*Friday, October 3, 2014 8:50 AM (10 minutes)*

**Presenter:** DELIOT, Frederic (CEA-Saclay)