

**The 14th Workshop of the
LHC Higgs Cross Section
Working Group**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Monday 26 March 2018 09:00 (15 minutes)

Presenter: STEERING COMMITTEE

Session Classification: Welcome and overview presentations

Contribution ID: 2

Type: **not specified**

CMS Higgs recent highlights

Monday 26 March 2018 09:15 (30 minutes)

Presenter: WARDLE, Nicholas (Imperial College (GB))

Session Classification: Welcome and overview presentations

Contribution ID: 3

Type: **not specified**

ATLAS recent Higgs highlights

Monday 26 March 2018 09:45 (30 minutes)

Presenter: ZANZI, Daniele (CERN)

Session Classification: Welcome and overview presentations

Contribution ID: 4

Type: **not specified**

HL-LHC Higgs prospects

Monday 26 March 2018 10:15 (30 minutes)

Presenter: CEPEDA HERMIDA, Maria (CERN)

Session Classification: Welcome and overview presentations

Contribution ID: 5

Type: **not specified**

ttH: theory

Monday 26 March 2018 14:30 (30 minutes)

Presenters: POZZORINI, Stefano Augusto (Universitaet Zuerich (CH)); POZZORINI, Stefano

Session Classification: WG1

Contribution ID: 6

Type: **not specified**

ttH: experiment

Session Classification: WG1

Contribution ID: 7

Type: **not specified**

ttH: Discussion

Monday 26 March 2018 15:00 (10 minutes)

Presenter: ALL

Session Classification: WG1

Contribution ID: 8

Type: **not specified**

VH: experiment

Monday 26 March 2018 15:10 (20 minutes)

Presenter: PERROZZI, Luca (ETH Zurich (CH))

Session Classification: WG1

Contribution ID: 9

Type: **not specified**

VH: theory

Monday 26 March 2018 15:30 (20 minutes)

Presenter: RE, Emanuele (CERN)

Session Classification: WG1

Contribution ID: **10**

Type: **not specified**

VH: discussion

Monday 26 March 2018 15:50 (10 minutes)

Presenter: ALL

Session Classification: WG1

Contribution ID: 11

Type: **not specified**

Offshell: theory

Monday 26 March 2018 16:00 (10 minutes)

Presenter: Dr QUEVILLON, Jeremie (LPSC, Grenoble (CNRS))

Session Classification: WG1

Contribution ID: 12

Type: **not specified**

Offshell: experiment

Monday 26 March 2018 16:10 (10 minutes)

Presenters: DI NARDO, Roberto (INFN Tor Vergata ATLAS group); DI NARDO, Roberto (CERN)

Session Classification: WG1

Contribution ID: 13

Type: **not specified**

Offshell: discussion

Monday 26 March 2018 16:20 (10 minutes)

Presenter: ALL

Session Classification: WG1

Contribution ID: 14

Type: **not specified**

ggF: experiment

Monday 26 March 2018 16:50 (20 minutes)

Presenter: MASSIRONI, Andrea (Universita & INFN, Milano-Bicocca (IT))

Session Classification: WG1

Contribution ID: 15

Type: **not specified**

ggF: theory

Monday 26 March 2018 17:10 (20 minutes)

Presenter: MISTLBERGER, Bernhard (CERN)

Session Classification: WG1

Contribution ID: **16**

Type: **not specified**

ggF: discussion

Monday 26 March 2018 17:30 (10 minutes)

Presenter: ALL

Session Classification: WG1

Contribution ID: 17

Type: **not specified**

VBF: theory

Monday 26 March 2018 17:40 (20 minutes)

Presenter: RAUCH, Michael (Univ. Karlsruhe, KIT)

Session Classification: WG1

Contribution ID: **18**

Type: **not specified**

VBF: experiment

Monday 26 March 2018 18:00 (20 minutes)

Presenters: BERTELLA, Claudia (Chinese Academy of Sciences (CN)); HADDAD, Yacine (Durham University /Imperial College London)

Session Classification: WG1

Contribution ID: **19**

Type: **not specified**

VBF: discussion

Monday 26 March 2018 18:20 (10 minutes)

Presenter: ALL

Session Classification: WG1

Contribution ID: **20**

Type: **not specified**

Introduction

Tuesday 27 March 2018 09:00 (20 minutes)

Presenter: HAYS, Chris (University of Oxford (GB))

Session Classification: WG2

Contribution ID: 21

Type: **not specified**

EFT in Top Physics

Tuesday 27 March 2018 10:50 (20 minutes)

Presenter: DURIEUX, Gauthier (DESY)

Session Classification: WG2

Contribution ID: 22

Type: **not specified**

Benchmark models for EFT

Tuesday 27 March 2018 11:20 (20 minutes)

Presenter: RIVA, Francesco (CERN)

Session Classification: WG2

Contribution ID: 23

Type: **not specified**

FidXS & STXS

Tuesday 27 March 2018 09:30 (20 minutes)

Presenters: TACKMANN, Frank; BERGER, Nicolas (Centre National de la Recherche Scientifique (FR)); MILENOVIC, Predrag (CERN)

Session Classification: WG2

Contribution ID: 24

Type: **not specified**

HH Experiment (ATLAS)

Monday 26 March 2018 11:35 (15 minutes)

Presenter: WARDROPE, David (University College London (UK))

Session Classification: HH

Contribution ID: 25

Type: **not specified**

HH Experiment (CMS)

Monday 26 March 2018 11:50 (15 minutes)

Presenters: CARVALHO ANTUNES DE OLIVEIRA, Alexandra (Universita e INFN, Padova (IT)); CARVALHO ANTUNES DE OLIVEIRA, Alexandra (Estonian Academy of Sciences (EE)); CARVALHO ANTUNES DE OLIVEIRA, Alexandra (Instituto de Fisica Teorica (IFT)-UNESP - Universidade Estadual)

Session Classification: HH

Contribution ID: 26

Type: **not specified**

HH Theory

Monday 26 March 2018 11:05 (30 minutes)

Presenters: MAZZITELLI, Javier; JONES, Stephen (CERN)

Session Classification: HH

Contribution ID: 27

Type: **not specified**

Introduction

Tuesday 27 March 2018 13:30 (15 minutes)

Presenter: GORI, Stefania (University of Cincinnati (US))

Session Classification: WG3

Contribution ID: 28

Type: **not specified**

Report DM working group

Tuesday 27 March 2018 13:45 (25 minutes)

Presenter: GRAMLING, Johanna (University of California Irvine (US))

Session Classification: WG3

Contribution ID: 29

Type: **not specified**

Report Long Lived Particles working group

Tuesday 27 March 2018 14:10 (25 minutes)

Presenter: Dr SCHOLTZ, Jakub (Durham University, IPPP)

Session Classification: WG3

Contribution ID: **30**

Type: **not specified**

NMSSM

Tuesday 27 March 2018 14:35 (25 minutes)

Presenter: JAFARI, Abideh (CERN)

Session Classification: WG3

Contribution ID: 31

Type: **not specified**

Neutral MSSM Higgs

Tuesday 27 March 2018 15:20 (25 minutes)

Presenter: LIEBLER, Stefan Rainer (KIT - Karlsruhe Institute of Technology (DE))

Session Classification: WG3

Contribution ID: 32

Type: **not specified**

Neutral Extended Scalars

Tuesday 27 March 2018 16:10 (25 minutes)

Presenter: SANTOS, Rui (ISEL)

Session Classification: WG3

Contribution ID: 33

Type: **not specified**

MSSM/2HDM charged Higgs

Tuesday 27 March 2018 15:45 (25 minutes)

Presenter: SCHAARSCHMIDT, Jana (University of Washington (US))

Session Classification: WG3

Contribution ID: 34

Type: **not specified**

Higgs Exotic Decays

Tuesday 27 March 2018 16:35 (25 minutes)

Presenter: CAILLOL, Cecile Sarah (University of Wisconsin Madison (US))

Session Classification: WG3

Contribution ID: 35

Type: **not specified**

EFT

Presenters: MAZZITELLI, Javier; MAZZITELLI, Javier; MAZZITELLI, Javier (Universidad de Buenos Aires (AR))

Session Classification: HH

Contribution ID: **36**

Type: **not specified**

News from LHC TOP WG

Monday 26 March 2018 12:35 (25 minutes)

Presenter: SEIDEL, Markus (CERN)

Session Classification: LHC Top WG feedback

Contribution ID: 37

Type: **not specified**

bbH report

Monday 26 March 2018 12:05 (30 minutes)

Presenters: ZHANG, Lei (Nanjing University (CN)); WIESEMANN, Marius (CERN)

Session Classification: bbH

Contribution ID: **38**

Type: **not specified**

Updated Global SM EFT Fit

Tuesday 27 March 2018 11:50 (20 minutes)

Presenter: ELLIS, Jonathan R. (University of London (GB))

Session Classification: WG2

Contribution ID: 39

Type: **not specified**

Electroweak WG

Tuesday 27 March 2018 10:00 (20 minutes)

Presenter: WU, Yusheng (University of Science and Technology of China (CN))

Session Classification: WG2