

Third HiggsTools Annual Meeting and Young Editors School in Torino



Report of Contributions

Contribution ID: 3

Type: **not specified**

Chapter 2: use, limits of the k-framework and the need of going beyond.

Tuesday, 16 May 2017 09:30 (30 minutes)

Presenter: GONELLA, Giulia (Albert-Ludwigs-Universitaet Freiburg (DE))

Contribution ID: 4

Type: **not specified**

Chapter 2: Higgs fiducial and simplified template cross sections

Tuesday, 16 May 2017 10:00 (30 minutes)

Presenter: MELINI, Davide (Centro Mixto Universidad de Valencia (ES))

Contribution ID: 5

Type: **not specified**

Chapter 2: Phenomenological tools for the next SM

Tuesday, 16 May 2017 11:00 (30 minutes)

Presenter: BOGGIA, Michele (University of Freiburg)

Contribution ID: 6

Type: **not specified**

Chapter 2: Effective Field Theories for HEP: the different approaches and applications

Tuesday, 16 May 2017 11:30 (30 minutes)

Presenter: GOMEZ AMBROSIO, Raquel (Universita e INFN Torino (IT))

Contribution ID: 7

Type: **not specified**

Chapter 2: Pseudoobservables for LHC

Tuesday, 16 May 2017 12:00 (30 minutes)

Presenter: ILNICKA, Agnieszka (University of Warsaw)

Contribution ID: 8

Type: **not specified**

TauSpinner Development in Production of tau lepton pairs with high P_T jets at the LHC: the spin2 case

Tuesday, 16 May 2017 14:00 (30 minutes)

Presenter: BAHMANI, Marzieh (Polish Academy of Sciences (PL))

Contribution ID: 9

Type: **not specified**

Two-loop Feynman integral calculations

Tuesday, 16 May 2017 14:30 (30 minutes)

Presenter: Mr FRELLESVIG, Hjalte

Contribution ID: **10**

Type: **not specified**

Theory: Higgs Boson + Jet at 1-loop and the Heavy Top-Quark Limit

Tuesday, 16 May 2017 15:00 (30 minutes)

Presenter: JONES, Stephen (MPI, Munich)

Contribution ID: 11

Type: **not specified**

Chapter 3: New variable for studying $H \rightarrow \gamma\gamma$ transverse momentum distributions at hadron colliders

Wednesday, 17 May 2017 09:00 (30 minutes)

Presenter: HADDAD, Yacine (Durham University /Imperial College London)

Contribution ID: 12

Type: **not specified**

Higgs Bosons in the NMSSM

Monday, 15 May 2017 10:30 (30 minutes)

Presenter: ELLWANGER, Ulrich (University Paris 11)

Contribution ID: 13

Type: **not specified**

Elliptic Integrals in Higher Loop Calculations

Monday, 15 May 2017 11:00 (30 minutes)

Presenter: Prof. BLUEMLEIN, Johannes (DESY)

Contribution ID: 14

Type: **not specified**

Renormalization of the THDM and NLO corrections to $h \rightarrow WW/ZZ \rightarrow 4\text{fermions}$

Monday, 15 May 2017 12:00 (30 minutes)

Presenter: DITTMAYER, Stefan (Albert-Ludwigs-Universitaet Freiburg (DE))

Contribution ID: 15

Type: **not specified**

Combined resummation and the Higgs p_t spectrum

Monday, 15 May 2017 12:30 (30 minutes)

Presenter: FORTE, Stefano (Università degli Studi e INFN Milano (IT))

Contribution ID: **16**

Type: **not specified**

Recent activities in the UGR/IFIC node

Monday, 15 May 2017 14:30 (30 minutes)

Presenters: FUSTER VERDU, Juan (Universidad de Valencia (ES)); PITTAU, Roberto (Universidad de Granada (ES))

Contribution ID: 17

Type: **not specified**

Zurich Acts

Monday, 15 May 2017 15:00 (30 minutes)

Presenter: SPIRA, Michael (Paul Scherrer Institut (CH))

Contribution ID: **18**

Type: **not specified**

Recent results from NNLOJET

Monday, 15 May 2017 15:30 (30 minutes)

Presenter: GLOVER, Nigel (Durham University)

Contribution ID: **19**

Type: **not specified**

Summary of activities in Durham

Monday, 15 May 2017 16:30 (30 minutes)

Presenter: KRAUSS, Frank Martin (University of Durham (GB))

Contribution ID: 20

Type: **not specified**

Jet axes and jet substructure

Monday, 15 May 2017 17:00 (30 minutes)

Presenter: WAALEWIJN, Wouter (University of Amsterdam)

Contribution ID: 21

Type: **not specified**

Chapter 3: The phistar distribution in the Standard Model

Wednesday, 17 May 2017 09:30 (30 minutes)

Presenter: CRUZ MARTÍNEZ, Juan Manuel (Durham University (IPPP))

Contribution ID: 22

Type: **not specified**

Chapter 3: Phistar distributions as a probe of NP in some BSM models

Wednesday, 17 May 2017 11:30 (30 minutes)

Presenter: Mr RODRIGUEZ VAZQUEZ, Matias

Contribution ID: 23

Type: **not specified**

Chapter 3: The Higgs p_T as a probe to NP

Wednesday, 17 May 2017 10:00 (30 minutes)

Presenter: Ms PATEL, Shruti

Contribution ID: 24

Type: **not specified**

Chapter 3: Phistar in the context of the search for H- \rightarrow tautau

Wednesday, 17 May 2017 12:00 (30 minutes)

Presenter: MEGY, Theo (Albert-Ludwigs-Universitaet Freiburg (DE))

Contribution ID: 25

Type: **not specified**

Cuts of Feynman Integrals in Baikov representation

Monday, 15 May 2017 17:30 (30 minutes)

Presenter: PAPAPOULOS, Konstantinos (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 26

Type: **not specified**

Search for Higgs boson production in association with a pair of top-quarks with the Atlas detector, current status and outlook

Tuesday, 16 May 2017 16:00 (30 minutes)

Presenter: WOLF, Tim Michael Heinz (Nikhef National institute for subatomic physics (NL))

Contribution ID: 27

Type: **not specified**

Optimising Higgs boson CP measurements in H -> Tau Tau decays with ML techniques and evaluation of systematics due to ambiguity of tau decay matrix elements

Tuesday, 16 May 2017 16:30 (30 minutes)

Presenter: LE, Brian (University of Melbourne (AU))

Contribution ID: 28

Type: **not specified**

Parton Distribution Functions with Percent Level Precision

Wednesday, 17 May 2017 12:30 (30 minutes)

Presenter: KASSABOV ZAHARIEVA, Zahari Dimitrov (Universita e INFN Torino (IT))

Contribution ID: 29

Type: **not specified**

Single top + Higgs production at the LHC

Tuesday, 16 May 2017 09:00 (30 minutes)

Presenter: Mr NAPOLETANO, Davide (IPPP, Durham University)

Contribution ID: **30**

Type: **not specified**

Separating electroweak and strong effects in pp spin amplitudes and pheno tools for LHC use.

Monday, 15 May 2017 18:00 (30 minutes)

Presenter: WAS, Zbigniew Andrzej (Polish Academy of Sciences (PL))

Contribution ID: **31**

Type: **not specified**

Latest news from Maple

Wednesday, 17 May 2017 11:00 (30 minutes)

Presenter: Mr POSTMA, Erik (Maplesoft)