

ZPW2015: The flavour of new physics

Report of Contributions

Contribution ID: 0

Type: **not specified**

Recent results in Higgs Physics

Wednesday, 7 January 2015 10:00 (35 minutes)

Primary author: CEPEDA HERMIDA, Maria (University of Wisconsin (US))

Presenter: CEPEDA HERMIDA, Maria (University of Wisconsin (US))

Session Classification: Higgs and Flavor

Contribution ID: 1

Type: **not specified**

The Interplay between Flavor and Higgs Physics

Wednesday, 7 January 2015 11:10 (35 minutes)

Primary author: NIR, Yosef (Weizmann Institute of Science (IL))

Presenter: NIR, Yosef (Weizmann Institute of Science (IL))

Session Classification: Higgs and Flavor

Contribution ID: 2

Type: **not specified**

Rare Higgs decays

Wednesday, 7 January 2015 11:50 (35 minutes)

Primary author: ZUPAN, Jure (University of Ljubljana)

Presenter: ZUPAN, Jure (University of Ljubljana)

Session Classification: Higgs and Flavor

Contribution ID: 3

Type: **not specified**

Effective theories for the Higgs: virtues and limitations

Wednesday, 7 January 2015 14:00 (30 minutes)

Primary author: CONTINO, Roberto (EPFL Lausanne & CERN (CH))

Presenter: CONTINO, Roberto (EPFL Lausanne & CERN (CH))

Session Classification: Higgs and Flavor

Contribution ID: 4

Type: **not specified**

Effective Theories for Higgs Physics

Wednesday, 7 January 2015 14:35 (30 minutes)

Primary author: BUCHALLA, Gerhard

Presenter: BUCHALLA, Gerhard

Session Classification: Higgs and Flavor

Contribution ID: 5

Type: **not specified**

Higgs physics beyond the SM

Wednesday, 7 January 2015 15:10 (30 minutes)

Primary author: MUHLLEITNER, Milada (KIT - Karlsruhe Institute of Technology (DE))

Presenter: MUHLLEITNER, Milada (KIT - Karlsruhe Institute of Technology (DE))

Session Classification: Higgs and Flavor

Contribution ID: 6

Type: **not specified**

Searching for Light New Physics: an experimental overview

Wednesday, 7 January 2015 16:30 (30 minutes)

Primary author: MERMOD, Philippe (Universite de Geneve (CH))

Presenter: MERMOD, Philippe (Universite de Geneve (CH))

Session Classification: Exotic New Physics

Contribution ID: 7

Type: **not specified**

Exotic Light New Physics: theoretical overview

Wednesday, 7 January 2015 17:05 (30 minutes)

Primary author: BATELL, Brian Thomas (CERN)

Presenter: BATELL, Brian Thomas (CERN)

Session Classification: Exotic New Physics

Contribution ID: 8

Type: **not specified**

LFV @ LHC

Wednesday, 7 January 2015 17:40 (30 minutes)

Primary author: DAVIDSON, Sacha (Universite Claude Bernard-Lyon I (FR))

Presenter: DAVIDSON, Sacha (Universite Claude Bernard-Lyon I (FR))

Session Classification: Exotic New Physics

Contribution ID: 9

Type: **not specified**

LHCb results on CPV

Thursday, 8 January 2015 09:00 (30 minutes)

Presenter: VAGNONI, Vincenzo (Universita e INFN (IT))

Session Classification: Beauty and Charm physics beyond the SM

Contribution ID: **10**

Type: **not specified**

B-meson mixing within and beyond the SM

Thursday, 8 January 2015 09:35 (30 minutes)

Presenter: NIERSTE, Ulrich (Karlsruhe Institute of Technology (KIT))

Session Classification: Beauty and Charm physics beyond the SM

Contribution ID: **11**

Type: **not specified**

Recent progress in charm Physics

Thursday, 8 January 2015 11:45 (30 minutes)

Presenter: SILVESTRINI, Luca (INFN Rome)

Session Classification: Beauty and Charm physics beyond the SM

Contribution ID: 12

Type: **not specified**

Flavor physics in supersymmetric extensions of the SM

Thursday, 8 January 2015 11:10 (30 minutes)

Presenter: Dr STRAUB, David (Technische Universität München)

Session Classification: Beauty and Charm physics beyond the SM

Contribution ID: 13

Type: **not specified**

Flavor Physics beyond the SM

Thursday, 8 January 2015 10:10 (30 minutes)

Presenter: GIRRBACH, Jennifer (Technical University Munich)

Session Classification: Beauty and Charm physics beyond the SM

Contribution ID: 14

Type: **not specified**

LHCb results on rare B decays

Thursday, 8 January 2015 14:30 (30 minutes)

Presenter: BLAKE, Thomas (CERN)

Session Classification: Leptonic and semileptonic B decays

Contribution ID: 15

Type: **not specified**

Precise SM estimates of B->ll decay rates

Thursday, 8 January 2015 15:05 (30 minutes)

Presenter: GORBAHN, Martin (Liverpool University)

Session Classification: Leptonic and semileptonic B decays

Contribution ID: 16

Type: **not specified**

SU(3)F breaking in Charm Physics

Thursday, 8 January 2015 12:20 (30 minutes)

Presenter: SCHACHT, Stefan (TU Dortmund)

Session Classification: Beauty and Charm physics beyond the SM

Contribution ID: 17

Type: **not specified**

Discussion

Wednesday, 7 January 2015 15:40 (20 minutes)

Session Classification: Higgs and Flavor

Contribution ID: **18**

Type: **not specified**

Status of $|V_{cb}|$ and $|V_{ub}|$

Thursday, 8 January 2015 15:40 (30 minutes)

Presenter: GAMBINO, paolo (università di torino)

Session Classification: Leptonic and semileptonic B decays

Contribution ID: **19**

Type: **not specified**

SM vs NP in $B \rightarrow K^* \ell \ell$

Thursday, 8 January 2015 16:45 (30 minutes)

Presenter: Dr MATIAS, Joaquim (Universitat Autònoma de Barcelona)

Session Classification: Leptonic and semileptonic B decays

Contribution ID: 20

Type: **not specified**

Non-perturbative effects in $B \rightarrow K^* \ell$

Thursday, 8 January 2015 17:20 (30 minutes)

Presenter: ZWICKY, Roman (edinburgh university)

Session Classification: Leptonic and semileptonic B decays

Contribution ID: 21

Type: **not specified**

Discussion

Thursday, 8 January 2015 17:55 (30 minutes)

Session Classification: Leptonic and semileptonic B decays

Contribution ID: 22

Type: **not specified**

Experimental searches for LFV: status and prospects

Friday, 9 January 2015 09:00 (35 minutes)

Presenter: BERGER, Niklaus Emanuel (Uni Heidelberg)

Session Classification: Lepton Flavor Violation

Contribution ID: 23

Type: **not specified**

LFV in supersymmetric models

Friday, 9 January 2015 09:40 (35 minutes)

Presenter: CALIBBI, Lorenzo

Session Classification: Lepton Flavor Violation

Contribution ID: 24

Type: **not specified**

Composite Leptoquarks with Partial Compositeness

Friday, 9 January 2015 10:50 (30 minutes)

Presenter: NARDECCHIA, Marco

Session Classification: Composite models and Outlook

Contribution ID: 25

Type: **not specified**

Collider phenomenology of composite models

Friday, 9 January 2015 11:25 (30 minutes)

Presenter: PANICO, Giuliano (Universitat Autònoma de Barcelona (ES))

Session Classification: Composite models and Outlook

Contribution ID: 26

Type: **not specified**

Outlook

Friday, 9 January 2015 12:00 (45 minutes)

Presenter: BARBIERI, Riccardo (S)

Session Classification: Composite models and Outlook

Contribution ID: 27

Type: **not specified**

Discussion