

ZPW2018 - Flavours: light, heavy and dark

Report of Contributions

Contribution ID: **28**

Type: **not specified**

DM theory (I)

Monday 15 January 2018 09:30 (30 minutes)

Presenter: FOX, Patrick

Session Classification: Dark Matter and Heavy Neutral Leptons

Contribution ID: **29**

Type: **not specified**

DM theory (II)

Monday 15 January 2018 10:00 (30 minutes)

Presenter: YU, Felix (Johannes Gutenberg University Mainz)

Session Classification: Dark Matter and Heavy Neutral Leptons

Contribution ID: **30**

Type: **not specified**

Exotic NP searches

Monday 15 January 2018 10:30 (30 minutes)

Presenter: SHCHUTSKA, Lesya (Eidgenoessische Technische Hochschule Zuerich (ETHZ) (CH))

Session Classification: Dark Matter and Heavy Neutral Leptons

Contribution ID: **31**

Type: **not specified**

Heavy Neutral Leptons: a theoretical overview

Monday 15 January 2018 11:30 (30 minutes)

Presenter: ANTUSCH, Stefan (University of Basel)

Session Classification: Dark Matter and Heavy Neutral Leptons

Contribution ID: 32

Type: **not specified**

Searches for NP at the intensity frontier

Monday 15 January 2018 12:00 (30 minutes)

Presenter: GOLUTVIN, Andrei (Imperial College London)

Session Classification: Dark Matter and Heavy Neutral Leptons

Contribution ID: 33

Type: **not specified**

Experimental status of RD, RD*

Monday 15 January 2018 14:00 (40 minutes)

Presenter: CIEZAREK, Gregory Max (CERN)

Session Classification: R(D), R(D*) and Lepton Flavor Violation

Contribution ID: 34

Type: **not specified**

Theory predictions for RD, RD*

Monday 15 January 2018 14:40 (30 minutes)

Presenter: GAMBINO, paolo (università di torino)

Session Classification: R(D), R(D*) and Lepton Flavor Violation

Contribution ID: 35

Type: **not specified**

Flavor Physics from Lattice QCD

Monday 15 January 2018 15:10 (30 minutes)

Presenter: KRONFELD, Andreas (Fermilab)

Session Classification: $R(D)$, $R(D^*)$ and Lepton Flavor Violation

Contribution ID: **36**

Type: **not specified**

LFV theory

Monday 15 January 2018 16:10 (30 minutes)

Presenter: Prof. PARADISI, Paride (University of Padova and INFN)

Session Classification: $R(D)$, $R(D^*)$ and Lepton Flavor Violation

Contribution ID: 37

Type: **not specified**

LFV experiments

Monday 15 January 2018 16:40 (30 minutes)

Summary

Presenter: SCHÖNING, André (Heidelberg University)

Session Classification: R(D), R(D*) and Lepton Flavor Violation

Contribution ID: **38**

Type: **not specified**

NP models for RD

Session Classification: R(D), R(D*) and Lepton Flavor Violation

Contribution ID: 39

Type: **not specified**

Fits to $b \rightarrow sll$ data (I)

Tuesday 16 January 2018 09:40 (25 minutes)

Summary

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

Session Classification: $b \rightarrow sll$

Contribution ID: 40

Type: **not specified**

Fits to $b \rightarrow sll$ data (II)

Tuesday 16 January 2018 10:05 (25 minutes)

Summary

Presenter: SILVESTRINI, Luca (INFN Rome)

Session Classification: $b \rightarrow sll$

Contribution ID: 41

Type: **not specified**

Non-local effects in exclusive $b \rightarrow sll$ decays

Tuesday 16 January 2018 11:00 (30 minutes)

Presenter: VAN DYK, Danny (TU München)

Session Classification: $b \rightarrow sll$

Contribution ID: 42

Type: **not specified**

LHCb results on $b \rightarrow sll$ decays

Tuesday 16 January 2018 09:00 (40 minutes)

Summary

Presenter: PETRIDIS, Konstantinos (University of Bristol (GB))

Session Classification: $b \rightarrow sll$

Contribution ID: 43

Type: **not specified**

Round Table: theory errors on the anomalies [Hurth, Guadagnoli, Gambino]

Tuesday 16 January 2018 11:50 (45 minutes)

Presenter: HURTH, Tobias (Johannes Gutenberg Universitaet Mainz (DE))

Session Classification: b->sll

Contribution ID: 44

Type: **not specified**

Implications of B anomalies: from EFTs to models

Tuesday 16 January 2018 14:00 (30 minutes)

Presenter: Dr STRAUB, David (Technische Universität München)

Session Classification: Models for B anomalies

Contribution ID: 45

Type: **not specified**

EFT analysis of B-physics anomalies

Tuesday 16 January 2018 14:30 (30 minutes)

Presenter: MARTIN CAMALICH, Jorge (CERN)

Session Classification: Models for B anomalies

Contribution ID: 46

Type: **not specified**

LFU violation in B-decays: Model building attempts and lessons

Tuesday 16 January 2018 15:00 (30 minutes)

Presenter: GRELJO, Admir (Johannes Gutenberg-Universität Mainz)

Session Classification: Models for B anomalies

Contribution ID: 47

Type: **not specified**

The large structure of the universe and cannibals

Tuesday 16 January 2018 16:00 (30 minutes)

Summary

Presenter: SCHMALTZ, Martin

Session Classification: Models for B anomalies

Contribution ID: 48

Type: **not specified**

Round table: UV completions and high-pT physics [Barbieri, Kamenik, Nardecchia]

Tuesday 16 January 2018 16:50 (1 hour)

Author: BARBIERI, Riccardo (S)

Presenters: F. KAMENIK, Jernej (Jozef Stefan Institute); NARDECCHIA, Marco; BARBIERI, Riccardo (S)

Session Classification: Models for B anomalies

Contribution ID: 49

Type: **not specified**

Leptoquark and Z'/W' searches at CMS

Wednesday 17 January 2018 09:00 (30 minutes)

Presenter: TAKAHASHI, Yuta (Universitaet Zuerich (CH))

Session Classification: High-pT searches

Contribution ID: 50

Type: **not specified**

Parton Distributions in the high-precision LHC era

Wednesday 17 January 2018 09:30 (30 minutes)

Presenter: Dr ROJO, Juan (VU Amsterdam and Nikhef)

Session Classification: High-pT searches

Contribution ID: 51

Type: **not specified**

Precision calculations for high-pT

Wednesday 17 January 2018 10:00 (30 minutes)

Presenter: LINDERT, Jonas (University of Durham (GB))

Session Classification: High-pT searches

Contribution ID: 52

Type: **not specified**

Clockwork: Structure and Phenomenology

Wednesday 17 January 2018 11:00 (45 minutes)

Presenter: KATS, Yevgeny (CERN)

Session Classification: Summary

Contribution ID: 53

Type: **not specified**

Summary and Outlook

Wednesday 17 January 2018 11:45 (45 minutes)

Presenter: NEUBERT, Matthias (Johannes Gutenberg Universitat Mainz)

Session Classification: Summary

Contribution ID: 54

Type: **not specified**

A Pati-Salam model for the B decay anomalies

Monday 15 January 2018 17:10 (20 minutes)

Presenter: BLANKE, Monika

Session Classification: NP models for the anomalies: an appetiser

Contribution ID: 55

Type: **not specified**

Flavor anomalies: model independent & RPV3 considerations

Monday 15 January 2018 17:30 (20 minutes)

Presenter: SONI, AMARJIT (BNL)

Session Classification: NP models for the anomalies: an appetiser

Contribution ID: 56

Type: **not specified**

Enhanced electromagnetic corrections in $B_s \rightarrow \mu^+ \mu^-$

Tuesday 16 January 2018 11:30 (20 minutes)

Presenter: BENEKE, Martin (Technische Universitaet Muenchen (DE))

Session Classification: $b \rightarrow sll$

Contribution ID: 57

Type: **not specified**

B-physics anomalies from warped extra dimensions

Tuesday 16 January 2018 16:30 (20 minutes)

Presenter: QUIROS CARCELEN, Mariano (ICREA - Institutio catalana de recerca estudis avancats (ES))

Session Classification: Models for B anomalies